

Steveston-London Secondary School



Care &
Respect



Program Planning
Guide 2022-2023

STEVESTON-LONDON SECONDARY SCHOOL

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Principal's Message

Steveston-London is a welcoming and kind community of learners. We are proud of our excellence in academics, athletics, fine and performing arts, extracurricular activities, and social responsibility. We endeavour to be safe, caring community where every student finds belonging, can learn, and be successful.

This guide is intended to provide Steveston-London students and their parents with information about course planning for the 2022-2023 school year. It includes descriptions of courses and programs offered at our school as well as important information about external programs and provincial graduation requirements.

The secondary school years are designed to provide opportunities for students to learn and explore a wide variety of curricula, including mathematics, sciences, humanities, languages, music, theatre, art, computers and business education, technological studies, textiles and home economics, physical education and work experience opportunities. Students are encouraged to consider the full range of courses available in each year of high school. Ideally our students will enjoy diverse learning opportunities and experiences while discovering their passion. At the same time, it is important to know the necessary changing graduation credits as well as prerequisite requirements for your desired post-secondary pathway.

Reading through the Steveston-London Program Planning book in detail is wise practice and although our guide is a good source of information, there may be other questions that arise during the process of choosing courses for next year and beyond. The counselling staff and career advisor at Steveston- London are able to assist students and parents with questions regarding the options available. In addition, a student's current teacher(s) will be able to provide helpful suggestions. Contact staff at 604-668-6668 if you have any questions about the program planning process.

The timetable for the 2022-2023 school year will be created based upon student selections made during the program planning process which informs the number of teachers needed for courses students have chosen. It is very difficult to make course changes once the school year begins; therefore, it is very important to research your choices and choose courses thoughtfully. Students, discuss your plans, including summer school and online course work, with your counsellor, and account for these in your planning for next year. Similarly, check with your counsellor later in the spring to confirm the accuracy of your course selections for next year. Please note, students are allowed to select courses but not teachers.

Developing a plan for your future is an important task. Take the time to read through the Steveston-London Program Planning guide and discuss options with your parents and teachers. Choose courses that you are interested in and that meet the requirements of your post-secondary plans. At the same time, consider courses that provide a balance of academic and opportunities to pursue other areas whether they be musical/artistic, applied skills, physical health and leadership.

Take the time now to plan for your success in the future!

Purpose of the Booklet

This planner is intended to support students and their parents/guardians in choosing the most appropriate courses for the 2022-2023 school year. Some courses must be taken to meet the graduation requirements of the Ministry of Education, while others can be chosen to meet individual interests and goals. This planner describes the broad requirements of each grade, the content of individual courses, and the various programs and services at Steveston-London Secondary.

Timetabling (the number of sections of each course) is based on the course requests made by students in February and March. Therefore, we urge you to choose courses and alternatives carefully, keeping in mind the following factors:

- **Once the master timetable is built, course changes become much more difficult; therefore, it is very important that the selection of courses be done carefully.** Upon receipt of this planner, students and parents/guardians should examine the book thoroughly, then discuss the choice of courses together, and consult teachers or counsellors if necessary.
- Students may select courses based on their interests and plans. Course selection is not based on individual teachers.
- Elective courses will be offered only if there is sufficient enrolment to justify a class. The possibility arises that a student may select a course that cannot be scheduled. In this case, the student will be given an alternative elective, suitable for his/her timetable. **Make sure to provide thoughtful alternate selections when you are course planning.**
- Counsellors and the departments involved will review requests for the English Language Learning classes.
- Students in the Graduation Program need to plan their courses with career and/or post-secondary programs in mind. If students are in doubt about future academic or career directions, they should choose courses that allow them as many options as possible.
- For details on post-secondary options please go directly to their web site.
- Many B.C. Universities require students to complete a Modern Language to the grade 11 level for admission.
- All students in grades 8 – 11 are expected to take eight courses. Students in grade 12 may choose one study block.

courses as a major responsibility because the choices that they make determine the master timetable. The following steps are used to build Steveston-London School's master timetable:

- a. Students determine their core courses and choose their elective courses using this Course Planning guide to assist them. Students make course selections online using the MyEd BC student portal. Students also submit their course request sheets to their counsellor.
- b. The requests for each course are tallied and that information is used to determine how many blocks to build for each course. Courses with too few student requests will be cancelled. Students who have requested a course that is cancelled will be programmed into their alternate elective choice.

Important Dates

January 26	Course Planning Information Session for parents of students in grade 7
February 9/10	Course Planning Sessions for all students in grades 8 to 11
February 15	Course Planning Information Session for parents of students in grades 9-11
February 25	Program Planning sheets due to counsellors Deadline for course selection entry in MyEd BC
April TBA	Course Requests Verification forms given to students Deadline for Course Request Changes
August - September TBA	Course changes for: <ul style="list-style-type: none">• Incomplete timetables• Graduation requirement• Errors in "required" courses (e.g. wrong grade level) By appointment only
September TBA	Deadline for Course changes Complete and return form to your counsellor. (You will receive a new timetable if the change is possible).

It is essential that students consider the task of choosing

School Information

Profile

Steveston-London is a comprehensive Grades 8-12, secondary school that operates on a semester timetable. The school will have an enrolment of about 1050 students in the 2022-2023 school year. Like the city of Richmond, we are a multicultural and diverse community. Both former schools, London and Steveston, have had a rich tradition of outstanding academic success and a majority of students proceeding to post-secondary education. At Steveston-London students are expected to work hard and be successful in the classroom and we encourage students to be engaged and involved in the vast extra-curricular life at our school.

Student Activities

At Steveston-London, students have a wide variety of extra-curricular clubs, athletic teams, intramural sports, hobby groups, leadership committees and opportunities to join and enrich their overall educational experience. All students are encouraged to pursue their interests and passions and join a club, team, or group outside of their regular academic classes to round out their school life at Steveston-London.

Athletics

Steveston-London competes in the RSSAA leagues and will enter teams in all of the traditional fall, winter and spring sport seasons. Students are expected to exhibit a strong commitment to their teams, a high standard of sportsmanship as a representative of Steveston-London School and must be working to their full potential in the classroom to remain eligible to participate on a school team. Sports offered may change according to student and staff interest. Travel and tournament opportunities are available. Some of the sports available for each season include:

Fall

Cross Country
Girls' Volleyball
Sr. Boys' Soccer
Boys' & Girls' Swim Team
Jr./Sr. Boys' Volleyball

Winter

Boys' & Girls' Basketball
Table Tennis

Spring

Track and Field
Sr. Girls' Soccer
Boys' & Girls' Golf
Gr. 8/9 Boys' Volleyball
Sr. Boys' Ice Hockey
Tennis
Ultimate

Intramurals

Steveston-London has a lunchtime intramural program. Every day at lunch, there will be one or more activities available to all Steveston-London students in organized recreational leagues of flag football, volleyball, indoor soccer, road hockey, table tennis, softball, and other activities. Students are encouraged to sign-up and have some fun!

Performing Arts (Music & Drama)

The Performing Arts offer students the chance to grow in areas that are transferable to all walks of life – students gain confidence, learn to share their creative and critical ideas and practice working together on a variety of projects which ultimately are presented to audiences from the SLSS community and beyond.

Steveston-London has strong full Jazz Band, Concert Band and Choral groups for many years, and the ensembles regularly perform in the community at numerous events. All of the SLSS music offerings are full-time courses, but some ensembles are offered as clubs, including Jazz Band and Choir. Those with special interest areas should take note of Guitar and Recording Arts music production classes.

In the Drama program, students explore the world of the theatre both on and backstage. The theatre program takes students from their first steps on stage to full performances in a theatre company atmosphere, in which students are responsible for all aspects of the production – acting, writing, directing and technical support. In addition, SLSS has a strong extra-curricular theatre program which presents two full productions a year.

Clubs & Activities

A wide range of activities and clubs are available to all students. At Steveston-London we believe that extracurricular clubs and activities are valuable for the development of the whole student, and an opportunity for students and Steveston-London staff members to meet and share common interests in specific areas. Examples of clubs that may run are:

Art Club	Board Games Club
Choir Club	Dance Club
Drama Club	Eco-Team
Engineering Club	First Responders
Girls Can Talk	Grad Committee
Interact Club	International Issues
Japanese Exchange Club	Jazz Band
Model United Nations	Outdoor Club
Shark Ambassadors	Ski/Snowboarding
Sharks Minds Matter	SLSS Press
STEM Club	Student Council
Technology Club	Youth Business Club

Travel

Each year a group of interested students travel to, or host students from our long-time foreign partners in Japan, where we have a sister school – Joto in Wakayama. Students may also have the opportunity to travel to New York, as well as European destinations such as Italy and Spain. These outstanding cultural and travel experiences are available to all students and can be the beginning of lifelong friendships, as well as stimulating a passion for travel. Similarly, Steveston-London students may travel with groups like athletic teams or the Spectrum program to exciting destinations.

Grade 8 Camp

The transition and bonding of a new Grade 8 class is one of the most important challenges we at Steveston-London must address each fall. Over the past years, an outdoor education experience early in the school year has provided an excellent catalyst for our Grade 8's to establish a group identity and to develop positive beginnings at Steveston-London. In collaboration with staff and our senior student leaders, we have established a program that helps our new students learn about the uniqueness of Steveston-London and allows them to connect and bond as a group that has been drawn from several elementary schools. The camp is structured around certain "focus" activities that will introduce students to social responsibility activities and provide them with the opportunity to develop personal leadership skills.

Historically, over 90% of our Grade 8's as well as many staff and senior students have participated annually in our Grade 8 Camp. This is a fun, exciting and excellent learning opportunity for your child and we hope that you will plan to have your child participate. More details will be sent home early in the Spring.

Food Services

There are vending machines and Shark Bites Cafeteria service available to students. The lunchroom service is available before school, during breaks and at lunchtime.

Student Pictures (Go Cards)

Photographs for these items are taken in September. Picture packages can be ordered at this time. Graduation portrait information will be distributed early in the school year.

Calendars

In September, every student will receive a Steveston-London calendar with important dates. We encourage all students to use the calendar and a daily agenda to stay up to date and organized with homework, assignments and extracurricular activities.

Steveston-London Clothing

Crested sweatshirts, T-shirts, shorts and sweat pants are available for purchase in the Fall. Students are encouraged to display their Shark pride at games, events, and during spirit weeks.

Parent/Guardian Involvement

In addition to encouraging students to participate in extra-curricular activities in the school, we need parents/guardians to become involved as well. Some ways to support the school might be: participating in groups like the Parent Advisory Council, the Dry-Grad Committee, coaching or sponsoring teams, helping with field trips, attending parent evenings, supporting school goals at home and organizing/helping with special events. For more information, please see our website at <https://slss.sd38.bc.ca> or contact an administrator at the school.

Costs Associated with Courses

Basic supplies required to fulfill the development of the curricular and core competencies in all courses will be provided to students free of charge. Should students wish to use other or additional supplies, these may be purchased directly or through the school on a cost-recovery basis. Students wishing to take home or consume completed project work may do so on a cost-recovery basis. Students will be asked to pay costs in connection with optional field trips.

The Richmond School District is now using the School Cash Online online parent portal system for a convenient and fast way to pay school fees. The portal allows our parents/guardians to make payments, check balances/account history, print or review receipts and receive notifications when a fee has been posted from the school.

School Cash Online accepts payments through eCheck, myWallet fund transfers and credit cards. Registration for this system takes only a few minutes. Parents can register at <https://richmondsd38.schoolcashonline.com>.

Textbooks

Some subject teachers issue textbooks. There is a charge for school texts if they are returned with more than normal wear. Students will be billed for their repair or replacement. There is also a charge for lost textbooks.

Attendance

There is a school expectation that students attend all classes in which they are registered and attend them on time. It is well established that poor or inconsistent attendance is directly related to a lower degree of academic success.

Timetable

The SLSS school year is divided into two semesters. Semester 1 is September to January and Semester 2 is February to June. Students normally complete 4 courses each semester. The daily timetable is organized in a rotating Day 1 and Day 2 structure. The final bell schedule will be shared with students in early September.

Course Load

All students must carry a full schedule of classes – 8 classes per year. Grade 12 students may have 1 study block for the year. Any exceptions to these requirements must be approved by the school administration.



Reporting and Evaluation

Teachers use a variety of evaluation procedures, which are related to the nature and content of each course. Students should always know where they stand in all subjects. Report cards are issued in November, February, April and June. The teacher may initiate interim reports at any time during the school year, if there are any concerns. Student progress will be reported as proficiency scales for grades 8 and 9 and in percentages for grades 10 to 12.

Proficiency Scale	→			
	Emerging	Developing	Proficient	Extending
	The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

The breakdown of letter grades used by teachers is listed below. During the course of a semester, “I” grades will be clarified and after a defined period of time, converted into either a passing grade or an “F”.

A	86 – 100%
B	73 – 85
C+	67 – 72
C	60 – 66
C-	50 – 59
I	Incomplete
F	Fail

Graduation Assessments

Students are required to write three Provincial Graduation Assessments as part of the graduation requirements:

- Graduation Literacy Assessment 10
- Graduation Numeracy Assessment 10
- Graduation Literacy Assessment 12

Students will be assessed on the proficiency scale:

- Emerging
- Developing
- Proficient
- Extending

Honour Roll

Student excellence is recognized via an “Honour” Roll Program. Criteria for the honour roll is published on the website.



Awards

Student excellence in academics, athletics, fine and performing arts and social responsibility activities is recognized through a formal awards program. The awards ceremony is usually held in May or June of each year.

Student Support Services

The major goal of Student Support Services is to support the intellectual, social, human, and vocational development of students. In particular, our aim is to help students be successful in all aspects of their schooling. It is our belief that students will be better prepared to meet challenges after graduation if they have successful and meaningful experiences in school. Student Support Services includes the following: Counsellors, Career Advisor, Library Team, Resource Department, Public Health Nurse, and our R.C.M.P. Liaison Officer.

COUNSELLING DEPARTMENT

Counsellors are here to help you with many aspects of school life. Find out who your counsellor is based on your last name. Visit the counselling centre and career centre by appointment or on a drop-in basis to receive information or educational planning, vocational planning, school problems and many other things that might affect your schooling.

Counsellors are to:

- Encourage self-care and healthy habits
- Promote social-connectedness
- Increase help-seeking behavior
- Increase pro-social behavior
- Organize school-wide campaigns to change the culture around mental health in the school

CAREER RESOURCE CENTRE SERVICES

The Career Advisor is available to assist students with Post- Secondary, Career and Scholarship plans.

Career, Post-Secondary and Scholarship information is available in the Career Resource Centre located in the Counselling Department. Services that are provided to students include:

- Access to the SLSS Career Blog:
<https://portal.sd38.bc.ca/group/76hmf4v/Blog/default.aspx#/>
- Up-to-date information on career, post-secondary, and scholarship options.
- Viewbooks, post-secondary admission guides and pamphlets from institutions in B.C., across Canada, and some international schools as well.
- Scholarship information and applications.
- Assistance with resume, cover letter, interview skills and informational interviews.
- Information on post-secondary financial aid.
- Students may book an appointment with the Career Advisor at <https://calendly.com/slscareers/career-appointment>

LIBRARY SERVICES

The main purpose of the library is to provide students with the skills, materials and environment to help them achieve their academic and personal development goals.

In collaboration with classroom teachers, the Library teaches students research skills, information evaluation, media literacies, technical media skills and academic responsibility.

The Library collection is designed to meet the needs of students and teachers doing research projects, independent study, media creation, skills exploration, and/or recreational reading. We offer curriculum-oriented and recreational materials in many format including:

- Print materials
- Audio-visual materials
- e-books and audiobooks
- digital databases and other resources
- MakerSpace materials and equipment.

Assistance is always available to students as they complete projects and look for personal reading materials.

RESOURCE CENTRE SERVICES

Learning Strategies (Resource) is a support block that provides a learning service to students, their teachers and their parents. The focus is on developing skill and strategies in areas of the new curriculum's core competencies. Students are referred to Learning Strategies through a collaborative process involving students, parents, counsellors, outside agencies, administrators, classroom teachers, and Resource teachers. Support may take place in various forms to address a range of challenges that directly affect student learning. These supports range from direct instruction, consultation/collaboration, assessment/evaluation, program design, and advocacy.

HEALTH SERVICES

Our Public Health Nurse is available to provide information to students on topics such as personal health, nutrition, illness, immunization, and community health resources.

RCMP SCHOOL LIAISON SERVICES

Steveston-London is a participant in the School Liaison Program in conjunction with the Richmond RCMP Detachment. The officer is available as a resource person for staff and students and can provide general information on police-related matters. The purpose of this program is to increase awareness of the legal system and bridge the gap between the police and the community.



English Language Learning Program



The primary goal of the ELL program at Steveston-London is to help students develop proficiency in English language acquisition and, in so doing, cultivate academic and social competence. Initial placements to the program are

carried out by District ELL staff. The ELL program consists of up to five years of support. Students in ELL-Beginning and ELL-Developing take three ELL courses. Students in ELL-Expanding take two ELL courses and ELL-Consolidating students take one course. ELL-Bridging students are assigned to a non-enrolling support program. Students in the ELL programs are also enrolled in courses in other subject areas. As students gain greater competence in English, their course load in other subject areas is increased accordingly. The language skills in the four strands (reading, writing, speaking, and listening) will be emphasized in all ELL courses. Students are able to obtain 4 credits for each of the stages – Beginning to Expanding. Students will complete ELL-Consolidating before taking any English courses.

ELL-Beginning through ELL-Consolidating (Grades 8-12)

ELL-Beginning (3 courses)	ELL-Developing (3 courses)	ELL-Expanding (2 courses)	ELL-Consolidating (1 course)
Beginning English	Developing English	Expanding English	Consolidating English
Beginning Socials	Developing Socials	Expanding Socials	
Beginning Science	Developing Science		

Bridging Support Program (Grades 8-12)

Students have opportunities for regular support from an ELL teacher outside of regular class time. Students do not receive course credit for this program and do not need to register.

Scholarships

Several categories of scholarships exist.

A. BC Excellence Scholarships

- \$5000 scholarship voucher for post-secondary
- School nomination required
- 55 BC Excellence Scholarships are awarded annually recognizing well-rounded BC graduates

B. BC Achievement Scholarships

- \$1250 scholarship voucher awarded for post-secondary
- The top 8000 students are selected based on students' achievement in Grades 10, 11 and 12 courses that satisfy graduation program requirements (including elective courses).
- Must be a Canadian citizen/permanent resident and BC resident

C. District/Authority Awards

Eligibility:

- \$1250 scholarship voucher for post-secondary
- School nomination required
- Must be a Canadian citizen/permanent resident and a BC resident

A \$1250 voucher will be awarded in the following areas: Applied Design, Skills and Technologies, Community Service, Fine Arts, Indigenous Languages and Culture, Languages, Physical Activity (and Health), Technical and Trades Training.

D. Steveston-London Scholarships and Bursaries

- Applications must be made to the Steveston-London Scholarship Committee in the Spring of a student's Grade 12 year. The school, businesses, organizations and individuals in the community donate these scholarships to be presented to Steveston-London graduates. Recipients are selected based on specific criteria unique to each award. Information regarding these scholarships is made available to students just prior to Spring Break.

E. Other Scholarships

There are many scholarships offered by institutions, industries, Unions, businesses and individuals both provincially and nationally. The student can check with the district Career Centre website for information about these scholarships. As well, information regarding scholarships can be obtained from the Steveston-London Career Centre.

Post-Secondary

The Career Centre maintains an extensive library of resource materials with information on Canadian post-secondary institutions, as well as some American and overseas, international schools. These resource materials help students research their post-secondary options.

The Steveston-London Career Centre Blog presents timely information related to post-secondary preparations and can be found at

<https://portal.sd38.bc.ca/group/76hmf4v/Blog/default.aspx#/>

Post-secondary institutions in BC include the following: trade/polytechnic institutions, colleges/polytechnic universities, and universities.

Trade/Polytechnic Institutions

BCIT, KPU, and VCC offer career, trade and technical specialties that cover a wide variety of occupations and offer credentials from diplomas, to certificates, and degrees. Entrance requirements vary.

University/Colleges & Polytechnic Universities

University/Colleges and Polytechnic Universities within the Lower Mainland include Capilano U, Douglas, KPU and Langara. These institutions offer certificates, diplomas, two-year Associate degrees as well as, four-year Baccalaureate degrees. They also offer one and two-year academic transfer courses to university. Career, technical and trade certificates, as well as diploma programs are also available.

Universities

There are 11 public and 5 private universities in B.C. The main universities located in the Lower Mainland and Vancouver Island include: UBC, SFU, UVIC, Capilano University, Emily Carr University of Art and Design, Trinity Western, and UFV. These institutions provide undergraduate programs in a variety of disciplines. Specific faculty requirements vary but all programs require English 12 and five (5) or more institution approved grade 12 courses.

Personal Student Planning Guide

GRADE 8 PROGRAM*	GRADE 9 PROGRAM	GRADE 10 PROGRAM	GRADE 11 PROGRAM	GRADE 12 PROGRAM
English Language Arts 8	English Language Arts 9	English Language Arts 10	An English Language Arts 11	English Studies 12
Social Studies 8	Social Studies 9	Social Studies 10	Social Studies 12	Elective 12
A Math 8	A Math 9	A Math 10	A Math 11	Elective 12
Science 8	Science 9	Science 10	Science 11	Elective 12
P.E./Health & Career Education 8	P.E./Health & Career Education 9	P.E. 10	Elective	Elective
French 8	Elective (Applied Skills)	Career Life Education 10	Elective	Elective
Elective (Applied Skills 8)	Elective (Fine Arts)	Elective (Fine Arts or Applied Skills)	Elective	Elective
Elective (Fine Arts 8)	Elective	Elective	Elective	Elective
			Career Life Connections 11	Career Life Connections 12 (Capstone)

Intermediate Program - Student Planning

Grade 8 students should refer to the next page for specific information regarding course selection.

Grade 9 students may select electives that are identified as grade 9 level, grade 10 level (if no grade 9 level is offered), or introductory level courses. Students in Grade 9 must choose one fine arts course and one applied skills course as electives.

Graduation Program - Student Planning

Grade 10 to 12 students should refer to page 14 for specific Graduation Requirements. Students should also pay attention to the Career Preparation and Apprenticeship Programs.

All students are expected to meet the Career Education learning standards via the Career-Life Education (CLE) and Career-Life Connections (CLC) courses as part of their graduation requirements. By the end of Grade 12, students will complete a Capstone project. Career-Life Education and Career-Life Connections consists of 8 credits distributed across the graduation years.

At SLSS, Career Life Connections credits are achieved through Connections Classes and on Connections Conference Days which take place throughout the school year.

Grade 8 Program

Welcome all Grade 8 students, SLSS grads of 2027 and families to Steveston-London Secondary! The transition to Grade 8 and life in high school is a very exciting time in the life of a young person. At Steveston-London, we are committed to creating a welcoming safe and positive experience for our youngest students.

Counsellors from Steveston-London will visit Grade 7 classes in January to explain all about life at our school and answer any questions students have. We will also host a virtual Grade 7 parent information evening to learn more about the school. There will be an opportunity for students to participate in orientation to secondary school activities in May.

Depending on the situation for schools in September, we may offer an overnight "Grade 8 Camp." At this camp, Grade 8 students will work with senior students and staff members to learn about life in secondary school, goal setting, being successful in class and making positive choices. More importantly, it is a fantastic opportunity for all the Grade 8s to get to know one another in a safe and welcoming 2-day camp while having fun participating in a variety of games and outdoor pursuits!

All students will take the following courses in Grade 8:

- **English 8**
- **Social Studies 8**
- **Mathematics 8** (Math 8 Enriched or Math 8 Spectrum)
- **Physical Education/Health and Career Education 8**
- **Science 8**
- **French 8** (French Immersion students - please speak to counsellors for options)
- **Applied Skills 8** (Home Economics/Technology Education)
- **Fine Arts 8** (Arts Education/Drama, Instrumental Music, or Vocal Ensemble/Chorale Music)

* Applied Skills 8 – students will take a combination of Tech Education and Home Economics.

* Fine Arts 8 - students will have the following choices:

Band 8 1 semester long (*or*)

Vocal Ensemble/ 1 semester long (*or*)

Chorale Music

Art Education/ Drama 8 ½ semester long each

Students requiring additional support in *Learning Resource* or *English Language Learning (ELL)* classes will have slightly different timetables. Students applying for the Spectrum program will have their Math, Science and Humanities (English and Socials) classes together.

We encourage students and parents to read over the entire Steveston-London Program Planning guide for complete course descriptions of Grade 8 classes, and to learn more about the wide variety of course options you will have for Grades 9-12. If you have any questions, please ask your Grade 7 teacher or phone the staff at Steveston-London (604-668- 6668) for more information.

PROGRAM PLANNING

Program planning for Grade 7 students begins in January of a student's Grade 7 year. At this time, Steveston-London counsellors visit the elementary schools to discuss secondary programs as well as long term planning for future goals. This allows students to begin thinking about decisions necessary for life after secondary school. During these program-planning sessions, students complete course choice forms. In addition, during the two weeks of program planning counsellors and administrators have an information evening for parents. We encourage all parents to attend and participate actively in their child's program planning. It is our goal to enable our new students to enjoy a very successful transition to Steveston-London,

Graduation Requirements

Current Grade 8 - 12 students will need to meet the following requirements to graduate from high school in B.C. Please note, these are minimum requirements to graduate. Specific course requirements for various colleges, trade schools and universities will be different. It is the student's responsibility to check these recommended courses with the post-secondary institution and program of their choice.

All students must successfully complete **80 credits** or 20 courses in 3 years over Grades 10, 11 and 12.

<u>Required Courses</u>	TOTAL: 52 credits
1. English Language Arts 10	4 credits
2. Science 10	4 credits
3. A Math 10	4 credits
4. PE 10	4 credits
5. Socials 10	4 credits
6. Fine Arts or Applied Skills 10, 11 or 12	4 credits
7. Career Life Education 10	4 credits
8. English Language Arts 11	4 credits
9. A Social Studies 12	4 credits
10. A Math 11	4 credits
11. A Science 11	4 credits
12. English Studies 12	4 credits
13. Career Life Connections/Capstone	4 credits
<u>Elective Courses</u>	TOTAL: 28 credits
	(12 credits)
1. Elective course at Grade 12 Level	4 credits
2. Elective course at Grade 12 Level	4 credits
3. Elective course at Grade 12 Level	4 credits
	(16 credits)
4. Other Grade 10, 11 or 12 elective	4 credits
5. Other Grade 10, 11 or 12 elective	4 credits
6. Other Grade 10, 11 or 12 elective	4 credits
7. Other Grade 10, 11 or 12 elective	4 credits
TOTAL CREDITS for Graduation	80 credits

For more information and details, refer to the B.C. Graduation Program Handbook of Procedures:

https://www2.gov.bc.ca/assets/gov/education/administration/kindergarten-to-grade-12/graduation/handbook_of_procedures.pdf

Provincial Graduation Assessments

Three Provincial Assessments (Graduation Numeracy Assessment 10, Graduation Literacy Assessment 10, and Graduation Literacy Assessment 12) are aligned with the curriculum and are required for graduation.

In Grade 10:

- Students are expected to write the Grade 10 Numeracy Assessment and the Grade 10 Literacy Assessment

In Grade 12

- Students are expected to write the Grade 12 Literacy Assessment

There will be an opportunity for students to re-write the Provincial Graduation Assessments to improve their achievement level. Until graduation, students may write a Provincial Graduation Assessment up to three times: the original attempt and two re-writes.

The best outcome for each of the Provincial Graduation Assessments will be recorded on the student's transcript.

The assessments will be scored on the following scale:

Provincial Graduation Assessments			
Emerging The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	Developing The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	Proficient The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	Extending The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

A student's best proficiency level for the Provincial Graduation Assessments will appear on the student's transcript. However, for the Grade 10 Literacy Assessment, the student's transcript will only indicate "RM" ("Requirement Met"), and not a proficiency level.

Academic Enrichment Opportunities

Enrichment Opportunities

Enrichment curriculum can be offered in a variety of effective ways, dependent upon the subject area, the nature of the curriculum, teaching philosophy, and the particular learning style of the student. At Steveston-London we recognize that students learn in a variety of ways and at different rates; therefore, we offer enrichment opportunities for highly motivated, gifted as well as underachieving, but highly able students in several different models:

- Variety of courses offered
- Subject-integrated enrichment
- Subject-distinct enrichment
- Independent Directed Studies
- Advanced Placement courses
- Resource Based support
- Spectrum Program
- Career Preparation Programs

In a number of cases, noticeably selected studies areas such as Fine Arts, Applied Skills, Modern Languages, and Physical Education, there are many opportunities for student enrichment via a broad base of curricular and extracurricular experiences. In other instances, enrichment can take the form of greater depth and/or breadth within the subject area focusing on enhancing students' creative and critical thinking skills. This kind of enrichment can take place in a mixed ability setting or separate class setting. At Steveston-London we offer opportunity for students to explore enrichment by all of the methods described above.

Students who want to complement their academic program with more in-depth study in various courses should carefully consider these enrichment opportunities. Should you require further information regarding these descriptions please contact the subject facilitator, counsellor, or an administrator.

Enriched Courses

Math 8, 9, 10 and 11 Enriched
Physical Education 11 Advanced
Physical Education 12 Advanced
English 11 Enriched

***Enrichment courses are offered based on requests – if there are too few requests, these enrichment courses may not run.*

Enriched Programs

Advanced Placement Programs
Career Preparation Programs
Spectrum 8, 9 and 10

Advanced Placement Courses

Advanced Placement (AP) is a program of enrichment that allows highly motivated or gifted students to begin their college or university studies while in secondary school. Upon the successful completion of an Advanced Placement course, with an appropriate level of proficiency on an AP exam written in May, a student may apply to colleges and universities in both Canada and the U.S.A. for advanced standing, course credit or both. UBC, SFU, UVIC, and UNBC all recognize the Advanced Placement program and the students achieving a 4 or 5 on the AP examination may receive advanced placement and credit. Currently, at Steveston-London, AP courses are offered in English Language and Composition 12, Calculus 12 and Chemistry 12. Please note, as with other courses, AP courses are subject to enrollment numbers.

Spectrum Program

Spectrum is a challenging three-year journey for Grade 8-10 students with strong curiosity, motivation and academic performance. Students take Science, Mathematics, Social Studies, and English together as a group, and explore enrichment topics that vary according to subject area and grade level. Critical and creative thinking skills, presentation skills, topic acceleration, group work, field studies, community volunteering, independent research, and study in areas of special interest are all integrated parts of the program. The program is designed to encourage and stimulate students' self-growth so that they may reach their full potential. Students interested in entering the Program in Grade 8 must apply in February of their Grade 7 year. Students are accepted into the Program in Grades 9 and 10 only if spaces become available, with applications due in May. Further details are available in the school office and on the SLSS website at <https://slss.sd38.bc.ca>



Grades 8 -12

Course Descriptions



Art

Art Education/Drama 8

This half semester Art Education 8 course is about looking at art, discussing art, learning about art and artists and producing original works of art. The classroom will be a place where students will feel free to experiment, take risks and play, leading toward greater individual expression and development. Students will be given an overview of the different art options offered in more senior courses. Students will be expected to complete several art projects and maintain a sketchbook/journal. The other half of the same semester will be spent in Drama.

GENERAL ART COURSES

Art Education 9: Art Studio

Art Studio 10

This course is designed for students in grades 9 - 12 who love to draw, paint and create 3-dimensional art forms. It is organized into themes designed to stimulate the imagination, encourage interpretation, expression and development of personal imagery. Cubism, surrealism and expressionism are some of the art movements explored through drawing, painting, sculpture and printmaking. We will also explore First Peoples perspectives, knowledge, art techniques, styles and symbolism. Students will develop portfolios and maintain a sketchbook/journal of their visual thinking and exploration.

Art Studio 11

Art Studio 11 provides a foundation program for beginning Art students and allows advanced Art students to continue developing their interests and expertise in drawing, painting, printmaking and sculpture. Students will explore related cultural and historical issues with emphasis on personal and social relevance. All students will develop a portfolio of their works, and maintain a sketchbook/journal as a record of their visual thinking and exploration.



Art Studio 12

Recommended: 2 senior level Art courses taken previously or concurrently

This course is for serious art students who will work in consultation with the teacher on an area of specialty. It will provide experienced art students an opportunity to prepare an art portfolio for employment or for admittance to post-secondary schools of art, design and media, to prepare for portfolio evaluation on portfolio day at the Emily Carr University of Art and Design, to study an area of interest in depth, to plan an exhibition and to participate in work experiences in an art related field.

This course is designed for passionate visual art students who may pursue a career in the art field. All major art institutions require a serious art portfolio and an art resume that describes how the student has applied their skills in the school and community. In our society we are bombarded with a wide array of visual information every day. Companies and businesses are always looking for innovative and creative images to capture new markets in an ever-changing world. Careers in art related fields are in great demand now and range from graphic designer, photographer, architect, fashion designer, animator, set and theatre designer, freelance artist, illustrator, museum curator or art teacher! What each field has in common is a working understanding of the elements and principles of art and design and, in each profession, a personal willingness to create original and innovative work. Using a variety of tools, students who enter the Art Careers Career Preparation program will have the opportunity to both develop a portfolio for post-secondary institutions and test their creativity and imagination in an art-related workplace setting.

CERAMICS AND SCULPTURE COURSES

Visual Arts 9: Ceramics & Sculpture

Studio Arts 3D 10

Studio Arts 3D 11

Are you interested in 3D art? Do you like to use your hands and build things? Here is your chance to experiment with different materials to create practical objects thru pottery and ceramics. Using the following media: clay, plaster, wood, stone, and various other materials, students will create realistic and free form sculptures: Masks, animal morphs, paper sculptures, plaster castings, carving, wire, paper-mache, etc. are examples of some of the materials and techniques you will use. Those students who complete a level one course in 3D art may further their studies by enrolling in two higher level ceramic and sculpture courses.

Studio Arts 3D 12

Recommended: Studio Arts 3D 11

Studio Arts 3D 12 is a continuation of the experiences in Studio Arts 3D 11 with emphasis on specific areas of concern using independent studies.

DRAWING AND PAINTING COURSES

Visual Arts 9: Drawing & Painting

Visual Arts 2D 10

This course is for students who love to draw and paint. Students will gain expertise in a variety of drawing and painting techniques and will become acquainted with various art styles and trends. All students will be expected to develop a portfolio of artwork and maintain a sketchbook/journal of their visual thinking and exploration while developing their own unique personal visual style. Students will create artworks that demonstrate personal, cultural and historical contexts.

Visual Arts 2D 11

Visual Arts 2D 11 focuses on drawing and painting using figure drawing as the basis for the course content. Drawing and Painting allows students to design, compose and communicate in the pictorial Arts through an understanding of materials, processes, skills, personal critique and the historical underpinnings of Art. Understanding the proper use of materials such as pencil, pencil crayon, pastel, charcoal, watercolor and acrylic paints will be emphasized. Visual Arts 2D 11 will meet the needs of students wishing to continue their education in Art through more advanced experiences in drawing and painting. The course will be conducted in a student directed format.

Visual Arts 2D 12

Recommended: Visual Arts 2D 11

This course meets the needs of students wishing to continue their education in art through more advanced experiences in drawing and painting. In this course students will create art works that reflect their own unique personal voices, stories and values. Students will be encouraged to apply their great skills and vision outside of the classroom into our school and in the community. In this course Students will develop their own personal styles and vision in sketchbook/journals, in studio work and in life drawing.

MULTI-MEDIA AND TECHNOLOGY

Media Arts 11: Multimedia and Technology

Media Arts 11: Multimedia and Technology addresses the need for students to develop awareness, knowledge and skills in the fields of electronic technology (computers, cameras videos, etc.) and multimedia combined with older technologies. In this course, the student will explore areas of expression through classical and 2D computer animation, digital editing and manipulation, photography, video/film and other medias, to create meaningful artworks. Students will also investigate the social, economic and expressive impact of electronic technology and multimedia and the impact of the mass media on our lives today and in the future. Students will learn the computer applications: Macromedia Director, Adobe Photoshop, iMovie, Painter and other programs to produce their animation and multimedia projects.

Media Arts 12: Multimedia and Technology

This course is designed for students who would like to continue developing skills and knowledge in electronic technology, which was introduced in Media Arts 11: Multimedia and Technology. Completion of a major animation for submission to the B.C. Students Film Festival will be one of the main projects. Both Media Arts 11 and 12 takes place in a collaborative studio environment where students are encouraged to take risks to create innovative, original and meaningful media artworks.

Media Arts 11: Digital Media *Open to students in grades 10-12*

Welcome to Digital Media. Do you enjoy reading comic books, graphic novels and watching movies? Here is a hands-on opportunity to learn how make them! The Art department has state of the art hardware: HD cameras, studio lighting, gels, green screens, backdrops, etc. Our computer lab has all the necessary software to edit and produce your projects: iMovie, Garageband, Adobe Photoshop, Illustrator, Lightroom, Director, After Effects, and Premiere. On the graphic novel front, we have the capability of using all this hardware in conjunction with miniature set and stage building to create visual stories using your digital photographs and Comic book software.

Our filmmaking students have a tradition of doing very well in B.C. Student Film Festival competitions.

Media Arts 12: Digital Media *Open to students in grades 11/12*

This course is designed for media/art students who wish to further refine and develop their skills and techniques in the digital/media field. It is also designed for serious media students who may be interested in pursuing a career in film, animation and special effects. Students taking this course will be encouraged to explore self-directed projects using some of the latest visual technologies.





PHOTOGRAPHY COURSES

Students must complete the previous level of photography in order to advance to the next level

Photography Level 1

This course is designed for students in grades 9 - 12 who wish to explore the magical world of traditional photography. The student will learn how to express subjects that have personal meaning using traditional photographic methods, equipment and materials. In this hands-on course the student will learn the fascinating procedures of the darkroom where they will use light to create original images. They will learn how to use the camera to create eye-catching, meaningful photographs. Students will be encouraged to create their own original images using special effects in the studio, outdoors and in the darkroom. They will explore different aspects of photographic composition and cultural, historical and personal issues in photography.

Photography Level 2

Recommended: Photography level 1

This course will further refine and develop the skills and techniques in traditional photography and will introduce the student to the world of digital image editing and manipulation. Emphasis will be placed on content and ideas as we continue to practice what we have learned and acquire new skills in the darkroom. Digital photography will consist in learning the programs Adobe Photoshop, Painter Illustrator and In Design. The student will be introduced to the world of colour photography and other elements such as combining image and type, photomontage, image manipulation and distortion, image restoration, colouring and tinting, special effect lighting, etc. We will look at some of the fascinating technical, practical and commercial aspects of photography today and apply many of these ideas into our original and creative visual work.

Advanced Photography Level 3

Recommended: Photography level 2

This Portfolio course is for the serious visual arts students who may be interested in pursuing a career in the visual arts and would like to explore personal self-directed topics in photography and graphic arts, such as, documentary and landscape photography, photojournalism, advertising and product photography, conceptual, and fashion photography. Students will develop a serious photo portfolio necessary for post-secondary art school admission and at this level are expected to be extremely self-motivated and willing to work in a collaborative environment.

Print Making and Graphic Design

These courses will specifically deal with two-dimensional forms of expression such as printmaking, collage and graphic design. Printmaking will explore relief, intaglio (etching), lithographic and screen-printing processes. In the area of graphic design, students will become familiar with the elements and principles of design and specifically how they are used in image building. This is a practical course leading to further study towards work in the field of commercial art. Experience

may come in the form of printing for sports pennants, club T-shirts, advertising bumper stickers, and advertising poster designs, advanced Logo design, Magazine layout using Adobe InDesign, Illustrator and Photoshop.

Graphic Arts 11: Print Making and Graphic Design

This is a practical course leading to further study towards work in the field of commercial art. The basic skills required for a commercial artist will be studies including computer design, and animation. The course will provide specific technical skills, a technical vocabulary, versatility in drawing, ability to experiment and develop creative problem-solving techniques and standards for finishing, presenting and completing projects.

Graphic Design 12: Print Making and Graphic Design

Graphic Design 12: Print Making and Graphic Design, formerly Commercial Design 12, this is the second year of study in commercial design and is preparation for admission to advanced training institutions, apprenticeship or related work. The student selects a sustained development of one part of the course that will result in a commercially acceptable project. This course will emphasize the refinement of the student's knowledge and skill in all related commercial art fields.

YEARBOOK COURSES

Graphic Arts 10, 11, 12

Yearbook 10

Yearbook 11

Yearbook 12

Graphic Design, Desktop Publishing and Digital Photography are skills learned in these courses. Grade 10 - 12's: be part of this amazing tradition. Unleash your creative genius. Make your yearbook memorable with crisp, eye-catching digital photo and dazzling page layouts. In this course, our yearbook team will create a full colour, 230-page record of our school life. Students will gain proficiency in desktop publishing using Adobe InDesign, learn the art of digital photography using DSLRs and professional strobe lighting and learn to edit photos using the applications iPhoto and Adobe Photoshop and Lightroom. Students will also learn to incorporate current design principles into the yearbook, to create eye catching page layouts and create illustrations for their layout work using Adobe Illustrator and drawing tablets to draw and paint directly on the computer screen. Students will also develop leadership and decision-making skills while finding ways to include all students and staff members in a yearbook that every student, staff member and member of the community will be proud of. In this course, all students collaborate to determine the overall theme and style of the yearbook and design pages for departments, grades, clubs, teams and special events (such as Halloween, Breakfast with Santa and the Pep Rally). Grade 12's design your grad portraits, grade survey, winter formal, and friendship photos. Grade 8s: be sure to join the Yearbook Club.

Careers in Art

Jobs and professions in which
art interest, knowledge, and skills
are important.

Architect
Art Appraiser / Buyer
Artist
Art Therapist
Cinematographer
Fashion Designer
Graphic Designer
Film Animator
Children's Book Illustrator
Landscape Architect
Museum Curator
Jeweler

Advertising Designer * Accessory Designer * Aesthetician * Aerial Photography *
Airplane Designer * Art Appraiser * Art Critic * Art Director * Art Historian *
Artist Agent * Architect * Art consultant * Architectural Draftsman * Advertising
and Communications Director * **Advertising Art Director** * Advertising Layout *
Animator * Antique Dealer * **Art Appraiser** * Art History Librarian * Art History
Professor * **Art Restoration** * Art Materials Salesman * Art School Director * Art
Teacher * Art Therapist * Automotive Designer * **Basket Maker** * Bookbinder *
Book Designers * **Building Arts** * Cartoonist * **Cartographer** * Commercial Artist
* Cosmetologist * Construction Draftsman * Cabinet Maker * **Carpenter** *
Clothing Designer * Ceramist * **Computer Graphic Artist** * Corporate Curator *
Costume Designer * **Court Room Artist** * Culinary Artist * Customer Framer *
Dental Technician * Display and Exhibit Designer * **Digital Photographer** *
Engineer * Engraver * Environmental Designer * **Filmmaker** * Fiber Artist *
Fashion Buyer and Merchandising * Fashion Designer * Fashion Illustrator * Film
Director * **Film Editor** * Float Designer * Floral Arranger/ Designer * **Framing
Technician** * Furniture Designer * **Folk Artist** * Gardner * Greeting Card
Designer * Glassblower * Graphic Consultant * Graphic Designer * **Golf Course
Landscape Artist** * Lawyer * Hat Maker * Home Products Developer and
Marketer * Ice Sculptor * Lighting Engineer * **Illustrator** * Industrial Designer *
Industrial Technologist * **Interior Designer** * Jeweler * Jewelry Designer *
Journalist * Kinetic Artist * Kite Designer * Lace Maker * **Landscape Artist** *
Lithography Artist * **Lithographer** * Illustrator * Log and Letterhead Designer *
Make-up Artist * Mapmaker * Mechanical Engineer * **Mechanical Draftsman** *
Medical Illustrator * **Memorial Designer** * Menu Designer * Metal Arts *
Metalsmith * Museum Director * **Neon Sign Maker** * Newspaper Layout Artist *
Occupational Therapist * Ornament Designer * Package Designer * **Painter** *
Pasteup Artist * **Pattern Designer** * Pattern Maker Technician * **Performance
Artist** * Photographer * **Photo Journalist** * Plastic Surgeon * Porcelain Designer
* Potter * Press Designer * Production Designer * Prop Designer * **Printmaker** *
Puppet Maker * Printmaking * Quilter * **Researcher** * Rug Maker * Restoration
Artist * **Sand Painter** * Sand Sculptor * Scenic Designer * Scientific Graphic
Illustrator * Sculptor * Seamstress * Shoe Designer * **Sign Painter** * Silversmith *
Stained Glass Designer * Stage/TV/Screen Designer * Stamp Illustrator *
Surface Designer * Surgeon * Tapestry Designer * Tattoo Artist * **Technical
Designer** * Technical Illustrator * **Textile Designer** * Theme Park Designer *
Tailor * Tile Designer/ Painter * Toy Designer * Typographer * **Urban Designer** *
Visual Communications and Technology * **Vendor Display Designer** * Venetian
Glass Designer * Wallpaper Designer * Watchmaker * Watercolorist * Weaver *
Web Site Designer * Window Display Artist * Wood/ Metal/ Plastic Fabricator

Business Education

GENERAL BUSINESS COURSES

Accounting 11

Financial Accounting 12

Recommended Prerequisite: none

Open to all students in Grades 10-12. This is an introductory course to basic accounting concepts, principles, and procedures. Students will prepare and analyze professional accounting records and be able to evaluate the operations of a business. This course is a prerequisite for Accounting 12 and is recommended for those who wish to complete a university/college business program or for those who wish to gain a fundamental understanding of accounting practices. Students who are in Grades 10-11 will be given credit for Accounting 11 while those in Grade 12 will earn credit in Financial Accounting 12.

Accounting 12

Recommended Prerequisite: Accounting 11 or Financial Accounting 12

Open to all students in Grades 11 and 12. Accounting 12 provides opportunities for practical application of the principles taught in Accounting 11/Financial Accounting 12. Advanced procedures and techniques are used in learning accounts receivable, accounts payable, merchandise/inventory accounting, cash control procedures, and other important concepts. This course is highly recommended for those who wish to complete a university/college business program. It is accepted as a Grade 12 academic course at post-secondary institutions such as Capilano University and Emily Carr University.

Marketing: Entrepreneurship 10

Recommended Prerequisite: none

Open to all students in Grades 9-10

Marketing and Entrepreneurship 10 is an introduction to the main strands of the Business Education curriculum: marketing, banking/finance, economics, and entrepreneurship. After completing this course, students may pursue further studies in Accounting, Marketing, E-Commerce or Economics. This course introduces students to the world of business and the diverse opportunities within it. After completing Marketing and Entrepreneurship 10, students may pursue further studies in Accounting and Marketing, and/or Economics. Students taking this course will receive credit for their Applied Skills 10 graduation credits.

Economics 12

Recommended Prerequisite: none

Open to all students in Grades 11 and 12. This course is highly recommended for students pursuing a career in commerce. Topics include: important Canadian industries such as oil/gas, corporations, supply/demand, inflation, unemployment, and world trade. Economics 12 is accepted as a Grade 12 academic course at SFU.

SENIOR MARKETING

Senior Marketing Courses are open to all students in Grades 10-12. Students who are keen on Marketing should take Marketing and Promotions 11 (a Retail Marketing Approach) and E-Commerce 12 (an E-Commerce Approach) in consecutive years. When students sign up for these courses, they receive grade-appropriate credit. The focus of the Marketing curriculum alternates each year. Both courses take a hands-on practical approach to learning about marketing and business. Individual projects and inquiry-based learning in groups will be the main vehicles for assignment completion.

Marketing: Promotions 11

Recommended Prerequisite: none

This course is an activity-based course about the basic concepts of marketing. The course content will be taught from both a domestic and global perspective. Examples of concepts discussed include, marketing strategies, the marketing mix, the AIDA model, distribution, promotion, market research, targeting, segmentation and positioning. This course is beneficial for students interested in entrepreneurship, employment in a service or sales position, and/or further study/experience in business administration, management and/or marketing.

Marketing: E-Commerce 12

Recommended Prerequisite: none

This course is a study of marketing from a web or mobile-based perspective. This course focuses on the way that basic retail concepts are applied to the world of online marketing. Students will gain an understanding of the evolution, nature and economics of E-Commerce. This course will discuss how E-Commerce affects distribution channels, revenue models and the promotion of online retail operations. Students will also investigate the ways that businesses develop their digital retail environments. This course is accepted as an academic 12 course at Capilano University and Emily Carr University.

INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT)

Computer Studies 10

Open to all students in Grades 9 and 10.

Computer Studies 10 is designed for all students with an interest in technology and exploring how computers and the internet works. Most of this course is hands-on, self-paced, and project-based. Students will investigate the basics of programming in HTML, JavaScript and SQL, as well as, block-coding using Scratch. Digital image manipulation, video editing and web-design are also studied. Students will learn applications for school and life, useful for word processing, creating multimedia presentations and spreadsheets. Some software and applications used in this course: Photoshop, iMovie, Padlet, Canva, Google Docs, Slides and Sheets. A key

component of this course is mastering Touch-typing technique. Students will also have opportunities to reflect on how they interact with technology and can become more responsible digital citizens. This is the ideal course for all students who are interested in investigating and mastering technology in a fun and creative way.

Senior ICT

Digital Communications and Media Design 11

Open to all students in Grades 10-12

This course will cover an introduction to digital media development, applied digital communication and basics of computer programming. Students will have the opportunity to exercise digital literacy, and learn graphic design, animation, web page design, digital image manipulation, and an introduction to video editing and production techniques. HTML/CSS, Photoshop, Flash, and GarageBand will be incorporated into the course. This strand will provide students with a good foundation in a variety of technology skills. This course meets many of the skill components of the new Career Education curriculum. This course is recommended for students who have completed Computer Studies 10.

Digital Media Development 12

Open to all students in Grades 10-12.

Digital Media Development is a deeper dive into content and concepts covered in Digital Communications and Media Design 11. The course covers four mediums: images, video, print, and web. At the end of the course, successful students will have developed a robust portfolio of content that spans these modes. In addition to developing the skills needed to be a proficient and thoughtful content creator, we'll explore the social impact of created content and the moral and ethical implications of digital media. We'll also look at the distribution of information through social and mainstream media, and the implications of consuming media from different streams. Students will learn how to properly use equipment to create assets to work on. Equipment includes

digital cameras, steady-cams, tripods, microphones in addition to the computers that we'll use to produce the final products. Applications include a collection of programs inside Adobe's Creative Cloud like Premiere Pro, Photoshop, Illustrator, and InDesign. This course is also accepted as a grade 12 academic course at Capilano University.

Computer Programming 11 (Level 1)*Recommended Prerequisite: Computer Studies 11*

Open to all students in Grades 10-12

Programming Level 1 is designed as an introduction to computer programming and computer science with a focus on design. Students will be introduced to design workflow, testing and industry best practices. Students will be doing all of this in the context of Python. There are 6 exploration units covered including natural language processing, recommendation systems, graphics, image processing and understanding, and big(ish) data. The course is based on CSTT, a program developed in partnership with SFU's undergraduate Computer Science faculty. This course fulfills the ADST graduation requirement.

Computer Programming 12 (Level 2)

Prerequisite: Programming 11

Open to all students in grades 11 and 12

Programming Level 2 builds on the foundation developed in Level 1. This course focusses on building applications that run faster and more efficiently without sacrificing readability. Students will continue to refine the Python workflow introduced in Level 1. Content covered includes automating tasks, parsing, regular expressions, game development theory, design theory and time and space complexity. Students will also use version control systems and industry tools. If students wish to, they will have the opportunities to create and develop their portfolios. This course is accepted as a grade 12 academic course at the University of Victoria, The University of Alberta and Capilano College. This course fulfills the ADST graduation requirement.

Business Career Preparation Work Experience Certificate Program

Career Preparation Work Experience: Business Careers

1. Choose either WE 12: General Business or WE 12: Accounting
2. Complete 100 hours of work experience during the year. This is a linear course that runs from September until June.
3. As this is an off-timetable course, students must complete 90 hours of work experience outside of class hours (during your spare, after school, evenings, weekends, and/or days off school such as Professional Development Days). The remaining 10 hours consist of meetings & correspondence with your work experience teacher along with the necessary paperwork needed to complete this course.

Please see the "Career Preparation Programs" section of this booklet for more details.



Career Preparation Programs

Career Preparation Work Experience 12 (4 credits) offers an innovative approach to education that combines academic studies with a work placement in the community. This program is designed for students who wish to graduate from secondary school with work experience in a chosen field. Through cooperation with employers and employees, students develop an awareness of the skills necessary for success in the workplace. In addition, they improve their interpersonal and communication skills.

In order to enroll in this program, students must have shown a good work ethic in their previous and current high school courses; our employers are expecting to mentor mature, responsible individuals. Please keep in mind this course is only available to Grade 12 students.

All areas of focus will assist in the admission to post-secondary education at universities, colleges, vocational schools, and technical schools. Having the Career Preparation Program on a student's transcript may lead to preferential admission to a post-secondary program.

REQUIREMENTS:

- 1) Choose one of the following:
 - a. WE 12: General Business
 - b. WE 12: Accounting
 - c. WE 12: Law
- 2) Complete 100 hours of work experience during the year. This is a linear course that runs from September until June.
- 3) As this is an off-timetable course, students must complete 90 hours of work experience outside of class hours (during your spare, after school, evenings, weekends, and/or days off school such as Pro D Day). The remaining 10 hours consist of meetings & correspondence with your work experience teacher along with the necessary paperwork needed to complete this course.

Business Career Preparation Program

This course offers work experience opportunities in accounting, retail sales, and office environments. If you would like to gain experience in the business field, consider some of the following placements: Starbucks, Rick Hansen Foundation, Children's Place at Richmond Centre, and the Accounting department at the Richmond School District. If you already have a job, please talk to the Career Preparation teacher to see whether your work experience can be used.



Law Career Preparation Program

This program will interest students who wish to explore careers related to the Canadian legal system such as lawyer, probation officer, police officer, prison guard, private security guard, and customs officer. If interested, one of the available placements is the South Arm Policing Station.



Career Education Grades 8 - 12

Career Education

The Career Education (CE) curriculum supports students in the process of providing them with opportunities to explore a variety of careers and options for their future. The CE program is a Ministry of Education requirement for all grades 8 to 12 that is designed to support student's growth as a learner. Each year, students will focus on the big ideas of the curricula and participate in a variety of activities in a Connection classes & Conference days model, and some on-line activities.

CE aims to support students to make future educational and career life plans that are thoughtful, informed and balanced. Today's graduates must be able to adapt to ongoing change in many aspects of their lives, whether students decide to pursue college, university or work after high school. Career Education helps students to discover a bridge between classroom learning, workplace and post-secondary realities, and is intended to make their learning meaningful and relevant.

The **Career Education Program 8 to 12** consists of:

- Career Education 8 - 10
- Career Life Education 10 (4 credits)
- Career Life Connections (CLC) 11 (2 credits)
- Career Life Connections (CLC) 12 (2 credits)

Career Education 8 to 10

As part of the Career Education all the grades 8, 9, and 10's meet in monthly Connections classes and annual Conference day where student work will focus on Personal Awareness, Exploration, and Development. Most work for this will be completed during Connections Classes, where students will work with their Connections mentor teacher, and through Conference Days throughout the school year.

Career Life Education (CLE) 10 – two options

Career Life Education (CLE) 10 is a required course for graduation, and students will take this course in grade 10. Students may take the regular Career Life Education 10 or the Career Life Education – Peer Helping-Leadership 10 option.

(A) Career Life Education (CLE) 10 (4 credits)

In this 4-credit course, students will further refine their understanding of the links between personal development and their career decisions. Students will consider regional and global trends to reflect on career possibilities, refine their understanding of safety requirements associated with occupational areas and related technologies, and further develop and refine their understanding of career possibilities through planning, practice, and application of competencies and knowledge.

For some students, a successful transition from secondary school will involve a direct path to further education, while for others it will involve a direct path to the world of work. In this course, students will begin to develop their transition plans, and will learn more about workplace experience.

(B) Career Life Education - Peer Helping-Leadership 10 (4 credits)

This course can be taken in place of the regular Career Life Education 10 course, and satisfies the graduation requirement.

Peer Helping-Leadership is for students who want to assume leadership roles within the school, and are interested in being role models, especially for our younger students. This course is suited to students who enjoy participating in a variety of activities, are reflective and willing to take risks, and who love working with—and helping—others. The course includes the learning outcomes of Career Life Education 10, as well as addressing additional social responsibility skills. The program includes units on Leadership, Helping Skills, Communication, and Conflict Resolution. Peer Helpers have opportunities to be involved in a wide variety of authentic leadership activities and events, which may include Buddy activities, Grade 8 Social Responsibility Day, and/or Grade 7 Fun Day.

Career Life Connections (CLC) 11 (2 credits) and Career Life Connections (CLC) 12 (2 credits)

In CLC 11, students will take the two credit Career Life Connections via the Connections classes, Conference Days, and online assignments. Students will investigate and explore their interests, passions and future goals through the inquiry process. As well, with the help of a mentor, students will complete the Capstone Project proposal.

In CLC 12, students will complete their culminating Capstone project in their Career Life Connection course. The Capstone will be a personalized representation that showcases and celebrates what the student has reflected upon, synthesized, and learned along that journey. Throughout the two-year process, students will complete a 30 hour volunteer/work experience requirement to explore career paths and contribute to the community. Combined, CLC 11 and CLC 12 will provide students with this four-credit graduation requirement.

English

To fulfill the Language Arts requirement in grade 8, students must choose one of the following two options: English Language Arts 8 or Humanities 8.

English Language Arts 8

English Language Arts 8 focuses on the study of both literature and language, and provides an excellent opportunity for students to improve their specific competencies in reading, writing, listening, and speaking. A major goal of English Language Arts 8 is to foster understanding and appreciation of various forms of literature, enabling students to discover personal meanings in works that are part of our literary heritage. Emphasis is placed on the development of composition skills and higher-level thinking skills, as well as the recognition that what we hear, read and view contributes to our ability to be educated and engaged citizens.

Humanities 8 (not offered for the 2022-2023 school year) Humanities 8 integrates the naturally complementary fields of English and Social Studies. This course serves as an excellent transition between elementary and secondary study as students attend the same class every day from September to June, allowing them to build a strong sense of community with their classmates and the teacher. On completion of Humanities 8, students are given credits equivalent to separate English 8 and Social Studies 8 courses. Humanities 8 students explore the role that geography, religion, literature and culture have had in shaping societies from the Middle Ages to the establishment of New France in Canada. They also actively engage with current events, and are encouraged to make meaningful connections between what they learn and their own experience. Humanities 8 develops students' skills in reading, writing, critical thinking and analysis, public speaking, research, and creative expression. There is a special focus on the development of literacy skills that helps build a valuable foundation for all their courses.

English Language Arts 8 Spectrum

English 8 Spectrum follows the same curriculum, and is assessed using the same Big Ideas and Curricular Competencies as English 8. However, English 8 Spectrum incorporates elements of enrichment, which could include the deeper exploration of skills and concepts and/or the introduction of skills from higher grades. All Spectrum courses place an emphasis on the development of cooperative learning, inquiry, and leadership skills. Spectrum is a three-year program of enriched studies (Grades 8-10) that includes English, Social Studies, Math and Science. Applications for Spectrum 8 will be available January 9 and due February 21, 2020. For more information, see the Spectrum Program website at: <https://slss.sd38.bc.ca/school-info/spectrum-program>

English Language Arts 9

Recommended: English Language Arts 8

English Language Arts 9 students will develop their appreciation of literature and be challenged as readers, writers, and thinkers. Working with print, spoken, and visual texts will give students more opportunities to read, discuss, respond, and make increasingly insightful connections between their own and others' experiences. Students may be introduced to different forms of academic writing this year in preparation for English Language Arts 10, but will also explore a variety of other forms of writing, so they come to develop their own voice and increase their abilities with conventions of the

language. Self-monitoring, reflecting, and goal-setting will be emphasized so students become aware of their own learning processes and how they can improve.

English Language Arts 9 Spectrum

Recommended: English Language Arts 8

English 9 Spectrum follows the same curriculum, and is assessed using the same Big Ideas and Curricular Competencies as English 9. However, English 9 Spectrum incorporates elements of enrichment, which could include the deeper exploration of skills and concepts and/or the introduction of skills from higher grades. All Spectrum courses place an emphasis on the development of cooperative learning, inquiry, and leadership skills. Spectrum is a three-year program of enriched studies (Grades 8-10) that includes English, Social Studies, Math and Science. If spaces become available for Spectrum 9, the program will accept applications in May, 2020. For more information, see the Spectrum Program website at: <https://slss.sd38.bc.ca/school-info/spectrum-program>

English Language Arts 10 (Literary Studies & Creative Writing)

Recommended: English Language Arts 9 or appropriate ELL Level

The goal of English Language Arts 10 is to help students successfully make the transition from junior to senior English. Coursework is designed to facilitate mastery of the new BC Learning Standards and is designed to help students become better readers, writers, speakers and thinkers. Students will be exposed to modern works of non-fiction and literature through a variety of mediums from print to digital, as well as explore a diversity of perspectives from First Peoples, Canadian and International voices. The course also provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course is intentionally grounded in the sampling of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, and practice their writing. Depending on the needs of the students, the focus of English Language Arts 10 may also be drawn from a combination of the following alternative modules:

- New Media: Recognizing digital literacy as an essential characteristic of the modern citizen
- Spoken Language: Working collaboratively and individually to create and use spoken language to produce original pieces in a variety of modes

English Language Arts 10 Spectrum

Recommended: English Language Arts 9

English 10 Spectrum follows the same curriculum, and is assessed using the same Big Ideas and Curricular Competencies as English 10. However, English 10 Spectrum incorporates elements of enrichment, which could include the deeper exploration of skills and concepts and/or the introduction of skills from higher grades. All Spectrum courses place an emphasis on the development of cooperative learning, inquiry, and leadership skills. Spectrum is a three-year program of enriched studies (Grades 8-10) that includes English, Social Studies, Math and

Science. If spaces become available for Spectrum 10, the program will accept applications in May, 2021. For more information, see the Spectrum Program website at: <https://slss.sd38.bc.ca/school-info/spectrum-program>

Composition 11

Recommended: English Language Arts 10

This academic course prepares students for English Studies 12 as well as for post-secondary studies.

Composition 11 is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of writing for a range of situations. They will develop confidence in their abilities as they consolidate their writing craft.

The following are possible areas of focus within Composition 11:

- narrative, expository, descriptive, persuasive, and opinion pieces
- planning, drafting, and editing processes
- writing for specific audiences and specific disciplines
- how to cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source

Composition 11 Enriched

Recommended: English Language Arts 10

This academic course will prepare students for English Studies 12 or for English Studies 12 Advanced Placement Language and Composition.

Composition 11 Enriched is designed to provide students with opportunities for enrichment as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of writing for a range of situations. They will develop confidence in their abilities as they consolidate their writing craft.

The following are possible areas of focus within Composition 11:

- narrative, expository, descriptive, persuasive, and opinion pieces
- planning, drafting, and editing processes
- writing for specific audiences and specific disciplines
- how to cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source

English...



Sevenson - London Secondary

English Studies 12

Recommended: English Language Arts 11

This mandatory, academic course prepares students for post-secondary studies. English Studies 12 will focus on the appreciation and analysis of literature, the continued development of speaking and listening skills, and an expanding awareness of the influence of mass media in our lives. English Studies 12 employs increased, technical skill in formal academic writing, including rigorous studies in sentence structure, style, and expository and argumentative writing. Evaluation will be based on examinations, paragraph and essay compositions, creative and reflective writing, visual representations, and oral and cooperative assignments.

Note: Students can satisfy graduation requirements by taking either English Studies 12 or English 12 First Peoples. Students are only permitted to enrol in one of these courses.

English Studies 12 Advanced Placement Language and Composition

This course is designed to be an introductory post-secondary level course in which students will work with a broad and challenging range of non-fiction prose selections. The focus of this course will be on deepening awareness and understanding of rhetoric and how language functions to accomplish different purposes. Course readings will feature a wide range of texts from a variety of authors and historical contexts. Ideal candidates for this course are self-motivated with strong reading, writing, discussion, and analysis skills. This course will cover all requirements of the regular English Studies 12 curriculum. Students can earn university credit for this course if they are successful in writing the optional A.P. exam. It will run on a linear schedule (every other day from September to June). To be enrolled in this course, students must also register for a study block. Students will then have their English Studies 12 A. P. class and their study block on alternate days in the same block from September to June.

Note: Only one A.P. English course will be offered. In the event that there is more interest than availability, English Studies teacher recommendation will be taken into account.

English 12 First Peoples

EFP 12 is designed for students who are interested in studying First Peoples literature and using writing for self-expression and communication in a variety of contexts. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own writing. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful compositions. Through the study of literature and the processes of experimenting with, reflecting on, extending, and refining their writing, students:

- extend their capacity to communicate effectively in a variety of contexts
- deepen their understanding of themselves and the world
- expand their understanding of what it means to be educated Canadian and global citizens

Note: Students can satisfy graduation requirements by taking either English Studies 12 or English 12 First Peoples. Students are only permitted to enrol in one of these courses.

English Language Learning (ELL)

ELL-Beginning

ELL-Beginning English courses develop students' listening, speaking, reading, and writing skills. Students learn to communicate in everyday situations, read simple passages and stories, and write short paragraphs. Grammar and vocabulary are also taught in context. In the ELL-Beginning Social Studies course, the focus is on Canadian geography and culture while the ELL-Beginning Science course introduces basic science concepts.

ELL-Developing

ELL-Developing English courses continue to improve students' listening, speaking, reading, and writing skills. Students participate in class discussions and make short presentations. Reading strategies, vocabulary-building skills, grammar elements, and paragraph writing are taught in context with fiction and non-fiction works. In the ELL-Developing Social Studies course, Canadian geography and culture are emphasized, and the ELL-Developing Science course focuses on developing basic science concepts.

ELL-Expanding

ELL-Expanding courses teach listening, speaking, reading, and writing skills in greater detail with an emphasis on reading comprehension and writing formally. Students learn the structure and process of academic writing in paragraphs and essays. Communication skills are further developed through interviews, discussions, and oral presentations. In the ELL-Expanding English course, students examine plot, theme, setting, characterization, and other literary devices in short stories and novels. Opportunities may also be provided to develop an appreciation for poetry. The ELL-Expanding Social Studies course focuses on Canadian history, geography, current events, cultural and social issues.

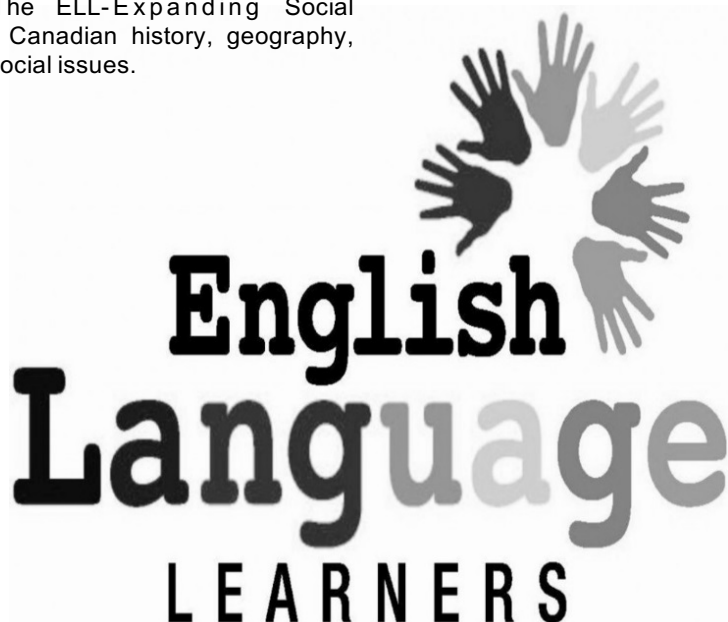
ELL-Consolidating

This course focuses on developing students' reading and writing skills at a higher academic level. A variety of literary genres are examined. Non-fiction works may include biographies, newspapers, and magazine articles. Students write various kinds of compositions, such as narrative, expository, and descriptive. Literary devices are studied in greater detail. Students also increase their fluency and confidence in speaking English in more complex discussions and presentations.

ELL-Bridging

This is a two-year, non-enrolling course. Support for ELL-Bridging is on-going, and students may seek assistance as needed or as required by the ELL-Bridging teachers. Workshops for ELL-Bridging students are offered throughout the year to support specific areas of language development.

ELL-Beginning (3 courses)	ELL-Developing (3 courses)	ELL-Expanding (2 courses)	ELL-Consolidating (1 course)
Beginning English	Developing English	Expanding English	Consolidating English
Beginning Socials	Developing Socials	Expanding Socials	
Beginning Science	Developing Science		



Home Economics

Home Economics/Technology 8

Home Economics - Applied Skills 8 consists of 2 areas: Foods and Textiles. In the **Foods** component of Applied Skills 8 the students will begin their journey into the world of food preparation. The student will practice kitchen and food safety principles as they prepare breakfast, lunch and dinner, producing products such as blueberry muffins, "sharks" egg benedict, fresh fruit salads, pizza, spaghetti and holiday treats. The students will also develop a basic understanding of healthy eating patterns based on Canada's Food Guide. Students will also be introduced to First Nations culture as it relates to food and basic baking/cooking.

The **Textiles** component of Applied Skills 8 is designed to teach the student how to operate a sewing machine and practice basic sewing techniques such as seams and seam finishes. Students will learn how work with patterns and fabrics, and then apply their skills to sew fun boxer shorts or drawstring gym bag and a smaller choice project, time dependent.



A Cooking Unit In The Foods Classroom

Food Studies Level 1

Learn how to make delicious meals, fabulous desserts, and tasty snack foods! Enjoy and develop your passion for cooking, as well as advancing your cooking skills and knowledge. Experience food preparation skills that will help you create impressive dishes while making smart food choices for a healthy lifestyle. Students will have the opportunity to make biscuits, waffles, cakes, cookies, pie to omelets, pizza, fajitas, stir-fries and more! Explore different cultural influences in the food we eat. This course is for students in grade 9 to 12 who wish to build on the fundamentals learned in Applied Skills 8. There is little outside homework given in this course and most marks come from the work you create in class.



Gingerbread Houses Created In Foods Level 1

The course contents of **Food Studies Level 2** and **Food Studies Level 3** alternate from year to year. **Foods Level 1** is the required prerequisite.

Food Studies Level 2 *Recommended level 1*

Food Studies Level 3 *Recommended level 1*

In the **2022-2023 school year**, students in the course will engage in creative and healthy meal planning while incorporating advanced food preparation techniques. Students will study an extensive International Cookery unit with a focus on European-inspired cuisines: French, Spanish, Mexican, Greek, Italian, English and German. Students will also increase their awareness of the social, ethical and sustainability considerations and their impact on our food sourcing. Students will experience the art of baking with recipes such as, custom-designed yeast breads, pineapple buns, and choux pastries (cream puffs). Learn how to be a confident cook and impress your friends and family with tasty food and fabulous recipes. There is little outside homework given in this course and most marks come from the work you create in class.



Animal Shaped Yeast Breads Created in Foods Level 3

In the **2023-2024 school year**, students in the course will have an opportunity to apply principles of good nutrition in creative meal planning using basic to advanced food preparation techniques, to master cake decorating techniques, garnishing techniques, gourmet cooking, appetizer/brunches, and explore Asian cuisines from countries such as Vietnam, China, India, Japan and Thailand. Students will have the opportunity to select a country of their choice, culminating with an International buffet. Students will also increase their awareness of the social, ethical and sustainability considerations and their impact on our food sourcing. Students will learn impressive skills like making pasta, wontons, sushi and ice-cream from scratch to Jamaican beef patties, salads, quiche and a delicious roasted chicken dinner. There is little outside homework given in this course and most marks come from the work you create in class.



Food Studies Level 1 Projects

Textile Arts and Crafts 10
Textile Arts and Crafts 11
Textile Arts and Crafts 12

This course is open to students in grades 9-12. Grade 9 students will receive Textiles Arts and Crafts 10 credit. Students in grades 10, 11 or 12 will receive the appropriate credits though course content is the same.

Textile Arts and Crafts introduces and exposes students to a wide variety of unique, interesting, challenging and fun craft activities. Projects will vary from year to year depending on the experience and interest of the students. There are two levels of Textiles Arts and Crafts available with the second level taking on more advanced projects. Design projects might include sewing simple crafts such as pin cushions, crochet & amigurumi, plushies, quilting, needle felting, punch needling and more. If students wish to work on an enhanced project they are responsible for their own supplies.



Sample Textiles Arts and Crafts Projects

Home Economics: Textile Levels 1-3

Textile Studies are courses designed to further student knowledge of fashion, construction techniques and design. Three garments will be designed and constructed throughout the semester based on skills and concepts taught in conjunction with students' personal learning goals. All grades will be introduced to group design challenges, similar to those seen on the television show Project Runway, to showcase their skills throughout the year as well as fashion illustration.

Students will explore environmental and ethical factors that influence textile choices and the impact of those choices on local and global communities.

Textiles Level 1

This course is designed as an introduction course for those interested in fashion and sewing, building on the skills learned in Applied Skills 8. Students will get to select their own commercial pattern such as cozy pajamas or onesie, a skirt or short with a zipper and a stretch t-shirt. You will also start your fashion portfolio as you learn about fashion illustration, culture and fashion, Canadian fashion designers, and the elements of fashion design (the key to an amazing wardrobe). This course stresses machine sewing and serger techniques required for fashion construction. There is no homework in this course and marks come from the work you create in class. *Depending on the student's choice or complexity of the project, student may need to provide their own specialty supplies – commercial pattern and fabric.*

Textiles Level 2

Recommended: Textiles Level 1

This course is for students who have successfully completed Textiles Level 1 or an entry-level sewing course and are interested in fashion construction. Students will begin the semester by examining their skills and designing their own personalized course plans. Basic pattern alteration as well as the fundamentals of design and basic pattern drafting will be focuses for this course. Use of the serger as well as decorative machine stitching will also be incorporated. In Textiles Level 2 you continue to develop your portfolio as you learn about the principles of design, study an international designer of your choice, learn about social and environmental concerns in the fashion industry. There is no homework in this course and marks come from the work you create in class. *Depending on the student's choice or complexity of the project, student may need to provide their own specialty supplies – commercial pattern and fabric.*

Textiles Level 3

Recommended: Textiles Level 2

This Textiles Level 3 class is perfect for advanced, self-motivated students who have passion for fashion. Advanced sewing techniques, pattern alterations, draping and principles of design as well as techniques needed for working with specialty fabrics will be taught. Students will also get the opportunity to familiarize with International designers. Students are encouraged to pick project that will not only challenge their skills but to also incorporate new skills that will expand their knowledge of fabric construction. Projects are self-chosen with teacher consultation. You will continue to develop your portfolio by creating a client style board, looking at the B.C. fashion industry, researching a historical era in fashion and studying an international brand of your choice. There is no homework in this course and marks come from the work you create in class. *Depending on the student's choice or complexity of the project, student may need to provide their own specialty supplies – commercial pattern and fabric.*



Sample Textiles Level 1

Fashion Design 12

Fashion Design 12 introduces the student to the exciting world of fashion and careers in the Fashion industry and who are interested in designing their own small collection of clothing. Students will create a portfolio that could be used to apply to fashion universities like Kwantlen's Wilson School of Design or Fashion at Ryerson University. The portfolio will contain a Design Inspiration File, Fashion in the News, color samples for their collection and several fashion illustrations. Students will use their own measurements to learn to draft basic skirt and shirt blocks to industrial standards. They will also develop pattern manipulation skills and use more difficult fabrics. Students will learn to sew a variety of samples and garments of the student's own design. **Students should be able to work independently and be highly motivated.** *If students are interested in pursuing a post-secondary education in fashion it is strongly recommended that they have also taken Textiles Level 1 & 2 at the very minimum. Depending on the student's choice or complexity of the project, student may need to provide their own specialty supplies – commercial pattern and fabric*

Human Services

Human Services

This course is open to grade 11 and 12 students only.

The goal of this course is to create structured, supported opportunities for students to learn and develop their teaching, leadership, role modeling, organizational, collaboration, interpersonal and communication skills. This course of studies will provide students with insights into the skills, responsibilities and issues pertaining to careers which focus on meeting human needs in a wide range of service areas, with a focus on education, event planning and leisure services. The primary focus of the program is to provide a variety of volunteer teaching, leadership and organizational experiences. Students in the course will be paired with a host teacher. They are expected to work with the host teacher's class every period. Such duties may include: one-on-one help, preparing and leading small group activities, demonstrating for the class, setting up and taking down equipment, teaching small components of the lesson and organizational work for the host teacher. Each student will be evaluated both by their host

teacher and the Human Services teacher. Students will be expected to attend lunch-time and/or after school meetings with the Human Services teacher and maintain a detailed, reflective journal. Sign up for this course will be done through the counselor after consultation with the Human Services teacher (Mr. Mah). More detailed information can be found at <https://youtu.be/CsUEKrd8PA>

Human Services – Intramurals

This is a full year course that focuses exclusively with the organization and facilitation of the SLSS Lunch Hour Intramurals program. The goal of this course is to provide students an opportunity to develop leadership/communication skills and undertake responsibilities associated with event planning. Students will need to work closely with other students in the course as well as the Human Services Teacher. Communication will be critical as most of the time associated with this course is spent during lunch hours in the gymnasium as well as several afterschool sessions due to meetings and promoting upcoming events. Sign up for this course will be done through the counselor after consultation with the Human Services Teachers (Mr. E Ma, Mr. R. Ververgaert).



Learning Strategies (Resource)

LEARNING RESOURCE PROGRAM

Learning Strategies (Resource) class is a support block that provides a learning service to students, their teachers and their parents. The focus is on developing skill and strategies in areas of the new curriculum's core competencies.

Students are referred to Learning Strategies through a collaborative process involving students, parents, counsellors, outside agencies, administrators, classroom teachers, and resource teachers.

Support may take place in various forms to address a range of challenges that directly affect student learning. These supports range from direct instruction, consultation/collaboration, assessment/evaluation, program design, and advocacy. The Learning Strategies Team provides a supportive service that may include the following:

- * Receiving personalized academic, behavioral and/or socio-emotional support
- * Receiving targeted interventions through adaptations (e.g. extended time, separate setting, use of calculator, etc.)
- * Learning a variety of skills and strategies (e.g. organization, test taking, studying) that will hopefully benefit them in their school careers
- * Participating in activities such as group-based problem solving

Referral Process: Students are referred to the resource program through a collaborative process involving parents, counsellors, administrators, classroom teachers, and resource teachers

Evaluation/Reporting: Evaluation of student progress is reflected in the growth of individualized goals. Student progress in the curriculum's core competencies is monitored throughout, then assessed at the end of the year.

LIFE SKILLS PROGRAM

Students who are in the Life Skills Program all have Individual Education Plans (I.E.P.). The I.E.P. reflects the student's current level of functioning, their strengths and needs.

I.E.P. goals are developed in consultation with parents, teachers, and other professionals. Program Goals are aligned with the new curriculum's core competencies and are designed to build advocacy for and the ability to have physical, social and emotional independence. Program goals may include areas such as:

- * Community access
- * Employability skills
- * Functional literacy and numeracy development
- * Personal health and care
- * Transitioning into adulthood

Referral Process: Students are referred to the Life Skills program through a collaborative process involving parents, counsellors, administrators, classroom teachers, and resource teachers.

Evaluation/Reporting: Most students who are in the Life Skills Program work on modified Programs in order to receive an Evergreen Certificate. Students are evaluated on their progress with I.E.P. goals. There are no letter grades for the Life Skills class.



Mathematics

MATHEMATICS 8

Mathematics 8

Students in this course will be developing their reasoning, analyzing and computational skills through a variety of methods. Under the new redesigned BC Curriculum, students will have the opportunity to build their math fluency through communication, thinking strategies and personal and social connections. Topics to be discussed are financial literacy, geometry, statistics and equation solving.

Mathematics 8 Enriched

This course is designed for keen math students. While it follows the same Big Ideas and Curricular Competencies as Mathematics 8, there is a greater emphasis on making connections, problem solving and preparation for national math contests. Students wishing to enroll in this course will be required write a diagnostic exam at SLSS in the spring.

Mathematics 8 Spectrum

Math 8 Spectrum follows the same curriculum, and is assessed using the same Big Ideas and Curricular Competencies, as Math 8. However, Math 8 Spectrum incorporates elements of enrichment, which could include the deeper exploration of skills and concepts and/or the introduction of skills from higher grades. All Spectrum courses place an emphasis on the development of cooperative learning, inquiry, and leadership skills. Spectrum is a three-year program of enriched studies (Grades 8-10) that includes English, Social Studies, Math and Science. Applications for Spectrum 8 will be available January 9 and due February 21, 2020. For more information, see the Spectrum Program website at: <https://slss.sd38.bc.ca/school-info/spectrum-program>

MATHEMATICS 9

Mathematics 9

Recommended: Mathematics 8

Students in this course are continuing their development from the skills in Mathematics 8. In addition, new topics that will be introduced are exponents and polynomial equations.

Mathematics 9 Spectrum

Recommended: Mathematics 8

Math 9 Spectrum follows the same curriculum, and is assessed using the same Big Ideas and Curricular Competencies, as Math 9. However, Math 9 Spectrum incorporates elements of enrichment, which could include the deeper exploration of skills and concepts and/or the introduction of skills from higher grades. All Spectrum courses place an emphasis on the development of cooperative learning, inquiry, and leadership skills. Spectrum is a three-year program of enriched studies (Grades 8-10) that includes English, Social Studies, Math and Science. If spaces become available for Spectrum 9, the program will accept applications in May, 2021. Please note: this class may only be requested in the Spectrum Program. For more information, see the Spectrum Program website at: <https://slss.sd38.bc.ca/school-info/spectrum-program>

Mathematics 9 Bridge

This course is a math course based on provincial math 9 curricular competencies. It will be done at a pace that encourages making more connection and developing core fundamental mathematical concepts. Students will be selected for this course and recommended to counsellors.

Mathematics 9 Enriched

Recommended: Mathematics 8 and teacher recommendation

This course is designed for keen math students. While it follows the same curricular competencies as Mathematics 9, there is a greater emphasis on problem solving and preparation for national math contests. Students wishing to enroll in this course must consult with their Mathematics 8 teacher.

MATHEMATICS 10

Students must choose one of the following 2 streams:

- Foundations of Mathematics and Pre-Calculus 10
- Workplace Mathematics 10

Foundations of Mathematics and Pre-Calculus 10

Recommended: Mathematics 9

This stream of mathematics is designed for those students who plan to attend a college/university after high school graduation. This course is a continuation of topics from Mathematics with the addition of the following: linear functions/relations, trigonometric ratios, arithmetic sequences and analyzing linear systems.

Foundations of Mathematics and Pre-Calculus 10 Enriched

Recommended: Mathematics 9 and teacher recommendation

This course is designed for keen math students. While it follows the same learning outcomes as Foundations and Pre-Calculus 10, there is a greater emphasis on problem solving and preparation for national math contests. Students wishing to enroll in this course must consult with their Math 9 teacher.

Workplace Mathematics 10

Recommended: Mathematics 9

This stream of mathematics is designed for those students who plan to enter the workforce right after high school graduation. This course is continuation of topics from Mathematics 9 with a more focused look at the following: financial literacy, measurement and conversion, analyzing and interpreting graphs.

Foundations of Mathematics and Pre-Calculus 10 Spectrum

Recommended: Mathematics 9

Math 10 Spectrum follows the same curriculum, and is assessed using the same Big Ideas and Curricular Competencies, as Math 10. However, Math 10 Spectrum incorporates elements of enrichment, which could include the deeper exploration of skills and concepts and/or the introduction of skills from higher grades.

All Spectrum courses place an emphasis on the development of cooperative learning, inquiry, and leadership skills. Spectrum is a three-year program of enriched studies (Grades 8-10) that includes English, Social Studies, Math and Science. If spaces become available for Spectrum 10, the program will accept applications in May, 2020. For more information, see the Spectrum Program website at: <https://slss.sd38.bc.ca/school-info/spectrum-program>

MATHEMATICS 11

Students must choose one of the following 3 streams:

- Pre-Calculus 11
- Foundations of Mathematics 11
- Workplace Mathematics 11

Pre-Calculus 11

Recommended: Foundations and Pre-Calculus 10

This stream of mathematics is designed for those students who may need mathematics at college/university after high school graduation. This course is a continuation from Foundations of Mathematics and Pre-Calculus 10 with an in depth look at previous topics such as solving systems of equations and the real number system. Newer topics to be discussed will be systems of inequalities, polynomial factoring, and solving rational expressions.

Pre-Calculus 11 Enriched

Recommended: Foundations and Pre-Calculus 10 and teacher recommendation

This course is designed for keen math students. While it follows the same curricular competencies as Pre-Calculus 11, there is a greater emphasis on problem solving and preparation for national math contests. Students wishing to enroll in this course must consult with their Mathematics 10 teacher. We will look at foundational concepts that are used in Calculus and AP Calculus.

Foundations of Mathematics 11

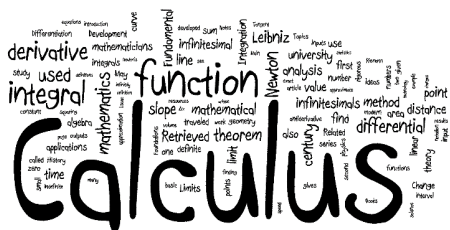
Recommended: Foundations and Pre-Calculus 10

This stream of mathematics is designed for those students who plan to enter postsecondary in a faculty that does not require any mathematics. This course will focus on the application of statistics, graphical analyses of linear/quadratic systems and financial literacy.

Workplace Mathematics 11

Recommended: Foundations and Pre-Calculus 10 or Workplace Math 10

This stream of mathematics is designed for those students who plan to enter the workforce right after high school graduation. This course is a continuation of topics discussed in Workplace Mathematics 10, and includes the following: analyzing rate of change, graphs and statistics/data.



MATHEMATICS 12

Students are not required to take Mathematics 12 for graduation. However, it is required for admission to many faculties. There are 3 streams available from which to choose:

- Pre-Calculus 12
- Foundations of Mathematics 12
- Apprenticeship Mathematics 12

Pre-Calculus 12

Recommended: Pre-Calculus 11

This course is designed for students planning to enroll in post-secondary math courses. It is recommended for students who excelled in Pre-Calculus 11. This course is a continuation of topics from Pre-Calculus 11 with the addition of transformation of functions, exponential functions logarithms, geometric sequence/series and trigonometric functions and identities.

Foundations of Math 12

Recommended: Foundations of Math 11

This course is designed for students planning to enter into the faculty of Arts in post-secondary. This is a continuation of Foundations of Math 11 and will focus on the following topics: analysis of geometric constructs/conics and fractals, regression models, and combinatorics.

Apprenticeship Math 12

Recommended: Workplace Math 11

This is a continuation of Workplace Math 11 designed for students planning to pursue the trades. This course will build on topics such as measurement conversion and their uses, scales using similar triangles, analyzing 2D/3D models.

Calculus 12

British Columbia Provincial Curriculum Calculus 12

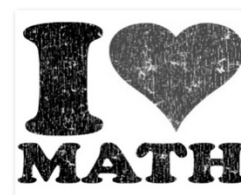
The course is a preparation course to taking University Level Calculus. This course will be based on the BC Calculus curriculum and focus will be on developing fundamental conceptual grounding in the “Big Ideas” in Calculus. This course is an alternative to AP Calculus for students that are looking for an introductory calculus course. The recommended pre-requisite for this course is Pre-Calculus 12. Students will be introduced to limits and rates of changes, Differentiation and Integration.

AP Calculus 12

Recommended: Mathematics 12

This course is designed for those students who are intending to study Calculus at the college or university level. This course will follow the Advanced Placement guidelines. This course is recommended for students who excelled in Pre-Calculus 12. The course will enable the students to write the optional Advanced Placement (AP) exam, which is given in early May. Students achieving high enough scores may obtain credit for a beginning Calculus course in college and university and possible scholarships at some universities and colleges. More information can be found at:

<https://apstudent.collegeboard.org/apcourse/ap-calculus-ab>



Modern Languages

FRENCH

French 8

The French 8 course is intended for students as part of the Grade 8 core program. It is an introductory course meant for students with little or no background in French. All four aspects of language learning will be introduced, practiced, and assessed, including speaking, listening, reading, and writing. In addition to working with the structure of the French language, students will also explore different Francophone cultures around the world, and the impact these cultures have had on the language. *Please note: Students who have completed Early French Immersion 7 or late French Immersion 7 do not need to take French 8. Students should discuss options with their counsellor.*

French 9

Completion of French 8, or the equivalent, is strongly recommended.

Students will continue to build on previous knowledge and will strengthen their acquisition of French. They will extend their abilities to express themselves in meaningful simple conversations using a variety of questions and familiar vocabulary. Through stories and authentic tasks students will express themselves in the past, present and future on familiar topics. Students will be introduced to the cultural diversity of the Francophone world and make connections to their own culture.

French 10

Completion of French 9, or the equivalent, is strongly recommended.

Students will continue to build on previous knowledge and begin to express themselves with increasing fluency and confidence both orally and written. They will give opinions and expand on reasons for their preferences as they interact with each other with purpose and competence. Through stories and authentic tasks, they will acquire useful sentence structures and vocabulary needed to narrate their own stories in the past, present and future. Students will be given the opportunity to explore a variety of creative works from the Francophone world and discuss how they reflect cultural expression and share their own perspectives.

French 11

Recommended: French 10, or the equivalent, is strongly recommended.

The aim of French 11 is to enable students to interact with confidence, competency and accuracy. Students will develop their ability to communicate purposefully both orally and in writing in the past, present and future. Aspects of Francophone cultures will be introduced through stories, music, film and other authentic materials. Students will give oral presentations both spontaneous and practiced, read texts, as well as produce a variety of written assignments.

French 12

Completion of French 11, or the equivalent, is strongly recommended.

This course enables students to attain a higher level of sophistication, fluency and accuracy in written and oral French. Students will continue to narrate their own stories using a variety of tenses and adapting to different audiences. They are expected

consistently express their opinions and reasons both in written and oral contexts. In addition, they will be exposed to variety of French literature, music, videos, and other authentic materials. Students will be encouraged to explore links to Francophone communities and seek opportunities available to continue their acquisition of the French language.

JAPANESE

Japanese 9

This introductory language course is for students who have an interest in Japanese culture and wish to explore more of it through various culture learning activities (e.g. origami, anime, calligraphy and food making). Students will be introduced to the Hiragana syllabic alphabet / a few Kanji (Chinese Characters) and learn basic grammar rules in 9 different units. The main focus of the course is to build fundamental oral communication skills.

Japanese 10

Recommended: Japanese 9

This course is an extension of Japanese 9. Along with the cultural learning component, students will be assigned various projects / assignments that require more sophisticated levels of grammar comprehension (e.g. Masu-form). Katakana syllabic and additional Kanji will be introduced as a part of the curriculum. This course will also place emphasis on higher levels of oral communication skills and students are assigned presentations as part of the course.

Japanese Introductory 11

This is an intensive course that combines Japanese 9 and Japanese 10 curriculum in one term. This course is recommended for students who have a keen interest in learning Japanese as an additional language, even though they have not completed the Japanese 9 course previously.

Japanese 11

Recommended: Japanese 10 or Beginner's Japanese 11

In this course students will be introduced to more abstract and complex Japanese vocabulary and sentence structures (e.g. different verb tenses & adjectives tenses, Te-form). Paragraph writing, geographic research, data processing and business communication take up a large percentage of the course load. Criteria for oral presentations will be based on many more authentic / real-life situations.

Japanese 12

Recommended: Japanese 11

This course will enable students to carry on their language exploration at a more mature and business-like level. The course curriculum will be reaching one of the most complex aspects of Japanese grammar. (e.g. modality). Cultural learning component will look into some of the common 'notions' that underlay in the Japanese native people's way of communicating. Students will be introduced to 'casual form' and encouraged to use them. Additionally, students will learn 80 - 100 more Kanji.



MANDARIN

Mandarin 9

This introductory course is intended for students who have neither spoken nor written knowledge of Chinese. Students will be taught the Pinyin Romanization, simple everyday conversation, and a core vocabulary. They will be introduced to Chinese culture through the context taught. This course focuses on oral communication, the learning of Pinyin Romanization, the writing of simple Chinese characters, and simple sentence making.

Mandarin 10

Recommended: Mandarin 9 or Mandarin 9 Enriched or Placement Exam 9

Students are expected to consolidate and expand what they have learned in Mandarin 9. The course will focus on communicative situations for developing listening, speaking, reading, and writing skills. Students should be able to use the Pinyin Romanization proficiently. They will be introduced to a greater repertoire of common expressions and everyday conversations. More vocabulary will be taught so that students can improve their four language skills. The study of Chinese culture will continue when students explore themes such as festivals, birthdays, the school environment, daily routines, clothing, shopping, dining out and socializing.

Mandarin 11

Recommended: Mandarin 10/Placement Exam 10

Mandarin 11 is accepted as one of the academic requirements by universities in B.C. Students in this course continue to develop the four skills of listening, speaking, reading and writing. They will be taught more complex conversation, extended sentence structures, a core vocabulary, composition skills and some idiomatic expressions. There will be a greater variety of topics taught including describing objects, people and their emotions, a visit to the doctor, career, travel plans and celebrations of festivals. Students will be involved in activities such as skits, projects, discussions, presentations, reading essays and book reports.

Mandarin 12

Recommended: Mandarin 11

This course helps students acquire a higher level of proficiency in listening, speaking, reading and writing. In addition to linguistics skills, students will be required to master a selection of core vocabulary and idiomatic expressions. They will be exploring in greater depth themes such as describing personalities, simple business transactions, restaurant going as well as traveling in China. Studies on China also include geography, climate and food. As these themes are developed, students will be exposed to different writing formats. Presentations and debates on familiar topics are expected. Mandarin 12 can be a subject counted for GPA to admit into universities, depending on the program entrance requirements.

Spanish 9

This introductory course is intended for students with little or no background in Spanish. There will be a high emphasis on listening and reading, and speaking and writing skills will be practiced, as well. High-frequency vocabulary used to describe everyday activities will be introduced. Common structures in the present, simple past, future, and basic commands will be reviewed. Students will explore aspects of Hispanic culture, using a variety of authentic resources, and this will help them deepen their understanding of their own language(s) and culture.

Spanish 10

Completion of Spanish 9, or the equivalent, is strongly recommended.

Students will continue to build on previous knowledge and will strengthen their acquisition of Spanish. They will extend their abilities to express themselves in meaningful simple conversations using a variety of questions and high-frequency vocabulary. Through stories and authentic tasks, students will express themselves in the past, present and future on familiar topics. Students will be introduced to the cultural diversity of Hispanic communities around the world, and will make connections to their own culture.

Spanish Introductory 11

This introductory course is intended for students with little or no background in Spanish. This is an accelerated course in Spanish, which will cover much of the Spanish 9 and 10 curricula in one semester. There will be a high emphasis on listening and reading, and speaking and writing skills will be practiced, as well. High-frequency vocabulary used to describe everyday activities will be introduced. Common structures in the present, simple past, future, and basic commands will be reviewed. Students will explore aspects of Hispanic culture, using a variety of authentic resources, and this will help them deepen their understanding of their own language(s) and culture. This course prepares students for study in Spanish 11.

Spanish 11

Completion of Spanish 10 or Spanish Introductory 11, or the equivalent, is strongly recommended.

The aim of Spanish 11 is to enable students to interact with confidence, competency and accuracy. Students will develop their ability to communicate purposefully both orally and in writing in the past, present and future. Aspects of Hispanic culture will be introduced through stories, music, film and other authentic materials. Students will give oral presentations both spontaneously and practiced, read texts, as well as produce a variety of written assignments.

Spanish 12

Completion of Spanish 11, or the equivalent, is strongly recommended.

This course will enable students to attain a higher level of sophistication, fluency and accuracy in spoken and written Spanish. Students will continue to narrate their own stories, using a variety of tenses, and adapting to different audiences. They will be expected to consistently express their opinions and reasons, both in oral and written contexts. In addition, they will be exposed to variety of Spanish literature, music, videos, and other authentic materials. Students will be encouraged to explore links to Spanish-speaking communities, and to seek opportunities available to continue their acquisition of the Spanish language

Performing Arts

DANCE

Dance Foundations 10

Dance 10 is an introductory course, open to any grade 9-12 student that will focus on: technique, strengthening, balance, flexibility, rhythm, and confidence development. Students will require clothing suitable for movement. Various genres will be explored. Assignments will include participation in regular skills development, group movement projects, leadership of warm-ups, group choreography and written work on one genre of dance.

Dance Technique 11

Completion of a Dance 10 course, or the equivalent, is recommended.

Further development of dance skills will continue as leadership, pattern awareness, imagination, stage presence, and performance choreography are introduced. Various genres will be explored. Assignments will include participation in regular skills development, solo or group choreography, leadership of warm-ups, and written work on one genre of dance. Extra-curricular time for performances will be required.

Dance Choreography 12

Completion of a Dance 11 course, or the equivalent, is recommended.

Students will specialize in technique, dance terminology, dance genres, and design. Students will continue their participation in both training and performance of dance. Assignments will include participation in regular skills development, solo and group choreography, leadership of warm-ups, and written work on one genre of dance. Extra-curricular time for performances will be required.



MUSIC

Band/Instrumental Music 8

Students will have the opportunity to play in a Band with their grade 8 peers and perform several concerts. Some previous musical experience is still recommended -- at least one year of elementary band or equivalent musical skills. Instruments available include: Violin, Trumpet, Trombone, Baritone, Clarinet, Flute, and Sax. There are LIMITED positions available for bass guitar and drums and these are assigned by audition only. NO guitars or pianos, please, unless you are willing to learn another instrument. Instrumental music covers core competencies including Communication, Personal & Social competency, and Critical and Creative Thinking. The goal of the course is to encourage students to join our 9-12 Concert Band and remain in music for the full 5 years of high school.

Guitar Level 1

No previous musical experience is necessary. For beginners, guitar offers an introduction to playing the guitar. Styles covered include pop/rock, folk, country, blues, and classical. Students are introduced to basic chording, reading of music notation, tablature, and strumming/finger-picking styles. The course is structured so that students also have an opportunity to pursue their own musical interests and genres and perform for an audience of their peers. Guitar is a Ministry approved Fine Arts Credit and addresses all three of the Core Competencies.

Guitar Level 2 Guitar Level 3

More advanced students will progress on an individual basis for more in-depth study of guitar techniques. Styles covered include pop/rock, folk, country, blues, and classical. Students are introduced to basic chording, reading of music notation, tablature, and strumming/finger-picking styles. Guitar is a Ministry approved Fine Arts Credit.

Band can be taken every year of high school. See below.

Concert Band 9/Instrumental Music 9

Concert Band 10/Instrumental Music 10

Recommended: Band 9 or teacher's permission

Concert Band 11/Instrumental Music 11

Recommended: Concert Band 10 or teacher's permission

Concert Band 12/Instrumental Music 12

Recommended: Concert Band 11 or teacher's permission

Concert Band is open to orchestral string instruments, including violin, viola, and cello. **Please note that Guitar and Piano are not concert band instruments.** This Band is intended for students Grades 9-12 with intermediate musical skills and previous experience. The band performs at our school concerts and assemblies, does a concert tour of the elementaries, and appears at community events such as Education Week. as well as a major spring concert tour and regional festivals. Repertoire includes classical concert band music as well as adaptations of popular film, television and Broadway scores, pop music, and jazz/swing. Instruments available include: flute, clarinet, bassoon, alto and tenor sax, trumpet, French horn, trombone, baritone/euphonium, bass, and drums. There are also limited positions available for specialty instruments such as bass clarinet, bass guitar, drums, baritone sax, and oboe. Band is a ministry-approved Fine Arts Credit which is available in both Semester 1 and 2. Instrumental music covers core competencies Communication, Personal & Social competencies, and Critical & Creative Thinking.

Jazz Band

Jazz Band is not offered as a course. However, those students interested are welcome to join the Jazz Band Club which meets as an extracurricular club twice a week. The traditional line-up of instruments includes Alto and Tenor Sax, Trumpet, Trombone, Bass Guitar, and Drums. The repertoire mixes traditional jazz standards with pop, funk and R&B offerings. Please see the music teacher for details.

Choir—Vocal Ensemble

Vocal Ensemble 8/Chorale Music 8

Vocal Ensemble 9/Chorale Music 9

Vocal Ensemble 10/Chorale Music 10

Choir can be taken every year of high school. Those students who enjoy Choir as a club can now immerse themselves in it fully as a credit course. see the write-ups below for Vocal Ensemble 11/12

Vocal Ensemble 11/Chorale Music 11

Vocal Ensemble 12/Chorale Music 12

The SLSS Choir is a high energy ensemble that performs a variety of music, from jazz and pop to chamber works. Dedication to developing and maintaining high standards of musicianship and performance is emphasized in all music department groups. Students will have the opportunity to perform in school tours, community events and special assemblies. Singers should understand that the repertoire is challenging and demands a lot from each member. Choir is a Ministry approved fine arts credit. In addition to exploring Core Competencies such as Communication, Personal/Creative Thinking, and Personal/Social skills, Choir

is reflective of First Nations principals of learning that are holistic, reflective, experiential, and support the well-being of self, family, and community.

Recording Arts

Recording Arts Technology 11 & 12

Recording Arts Technology 11/12 is a course for those interested in film, sound and music composition and production. In the Digital Audio component of the course, students are introduced to essential recording studio equipment and the fundamentals of recording sound. In Video/Film production, students are introduced to scripting, storyboarding, camera work, film techniques, and computerized video editing. In the Music Composition unit, students are introduced to musical basics and the art of composition and production. Software includes Logic, a multitrack recording program. Students should expect to make some commitment outside of class time to projects. Group work and performances/presentations of your work are integral to the course. Recording Arts is a dual credit Fine Arts and Applied Skills course that is only available in Semester 1. Recording Arts covers all 3 Ministry core competencies.

THEATRE

Drama/Art Education 8

Students in this course will take one half semester of Drama and one-half semester of Visual Art. The Drama component offers students nine weeks to discover themselves in the world of the theatre. Teamwork, self-discipline, cooperation, leadership and developing empathy are the focus of this course. There is also a strong focus on building confidence, learning how to work with a variety of other people and being able to master the ability to speak in public, through work in scripts and with one's own ideas. Students will explore a variety of presentational techniques including mime, tableau, choral speaking and work with a script. This is a great course for Grade 8 students as they will work in a non-threatening atmosphere to develop skills that will stay with them throughout their time in school and even beyond to the world of work.

Drama 9

This course provides students with the chance to spend a whole semester in the theatre. In Drama 9, students will begin to explore theatre history and the influence of theatre in modern society. They will look at the difference between comedy and serious drama and begin to explore the realm of Canadian theatre scripts. There is an emphasis on creating and developing characters and using vocal and physical techniques to create believable performances on stage. Students will be expected to concentrate and stay in character. There is continuing emphasis on public speaking in this course and students will be expected to memorize passages from Shakespeare and modern theatre.

Theatre Performance 10

Students are expected to use their own experiences as the source for theatrical performances. There will be more emphasis on script work and literary criticism, but there will be ongoing work as well in developing confidence and a clear, pleasant speaking voice, suitable for scripted performances, formal speeches and informal discussions. Students will work

on heritage drama, using their own family stories to create theatre. There is a broadening aspect in this course that envelops the idea of communicating one's ideas to the class, the school community and the community outside the walls of the school. Students are expected to take a leadership role as a theatre artist in this course. Theatre Performance 11 (Recommended: Theatre Performance 10 or permission of the instructor)

Performance in front of an audience is an integral aspect of this course. Study will focus on developing a versatile speaking voice, confidence and grace under pressure and the ability to think on one's feet. Students will investigate a variety of acting styles, including Shakespeare, comedia del'arte, interactive theatre, and modern performance including for film and television. Students will be able to explore their own concerns through the lens of the theatre artist.

Theatre Production 11

(Recommended: Theatre Performance 10)

Theatre Production 11 is an introductory course to all aspects of stagecraft, including set decoration and design, costume design and creation and prop design and fabrication. Students will also be introduced to the operation of lighting and sound equipment in the theatre. Students must be willing to support their classmates technically in their projects and also lend a hand with the school productions to fulfill the requirements of this course.

Theatre Production 12

(Recommended: Theatre Production 11)

In Theatre Production 12, students will be expected to further their study of the technical aspects of the theatre. Set design and construction, lighting and sound design and script work will form an integral part of this course. Students will be expected to take an active role in all aspects of the extensive Steveston-London theatre season, participating in at least one of the extra-curricular productions in a stage managerial capacity.

Theatre Performance 12

(Recommended: Theatre Performance 11 or permission of the instructor)

In order to fulfill the requirements of this course, students will be expected to perform in front of a variety of audiences. Continued work on vocal projection and diction, character development, script interpretation, and teamwork are the focus of this course. Students will be expected to perform in scenes from Shakespeare or other classic writers as well as new Canadian works. Actors in this class will be expected to develop an interactive theatre project as well as improvisational work. Acting styles from theatre literature and from other cultures will be explored.

Directing and Script Development 12

Recommended: Theatre Production 11 or Theatre Performance 11 or both)

This course is designed for students who have a keen interest in drama and who have strong leadership and creative skills. Students in this course will be expected to create two scripts – one adaptation and one original – as fulfilment of the requirements of the course. They will also be asked to direct their own scripts as part of a theatre company including actors from Theatre Performance 11/12 and Theatre Production 11/12. They will attempt to fulfill their theatrical and artistic vision through the theatre company developed with the actors and technicians. Students in this course should understand

theatrical conventions and have demonstrated excellent skill in acting and in stagecraft in previous courses.

Directed Studies in Theatre

(Recommended: Teacher's permission. This course is only available for Grade 12 students)

This is a self-directed course in theatre for students who are interested in every aspect of theatre and who are considering a career as a theatre or film artist. Students will work with the instructor to develop a program that gives them the opportunity to experiment with acting, directing, writing and theatre production and will finish the course with a comprehensive project that explores their interest and skill in the art of Drama. Students are required to have permission from the instructor to enroll in this course.



Physical Education

Physical & Health Education 8

Physical & Health Education 9

Physical & Health Education 10

The aim of the Steveston-London PE Program is to provide students with opportunities to gain an appreciation for lifelong physical fitness and health. Through an environment centered on fun and respect, these courses allow students to regularly engage in physical activity and develop their skills in collaboration, self-regulation, physical literacy and problem solving and decision-making. Some of the benefits of regular physical activity include: enhanced memory, better concentration, increased problem-solving abilities and an increased ability to work with others. In addition, regular physical activity is one of the most important things you can do for your health and is directly related to an increased quality of life. Activities for PE 8-10 are chosen to promote physical literacy, healthy and active living, social and community health, and mental well-being. Students will actively participate in a wide variety of physical activities from the following categories: team games, individual and dual activities, dance, fitness and outdoor pursuits.

The Health component of these courses will focus on healthy choices, healthy relationships and advocating for the health and well-being of others.

Physical Education 11 Active Living

Recommended: PE 10

PE 11 emphasizes preparation for an active and healthy lifestyle after students leave school. Students will participate and develop skills in a variety of physical activities that have the potential for lifelong involvement. Students will also take an active role in the organizing and leadership of many class activities. Lifetime sports and leisure activities are the major focus.

Physical Education 12 Active Living

Recommended: PE 11

Active living 12 continues to emphasize the importance of physical activity as an important part of one's overall health and well-being. Students continue to participate in a wide variety of physical activities with the goal being lifelong participation in physical fitness. This goal is supported in Active Living 12 through the focus on safety and injury prevention, along with an introduction to various recreational activities. Students continue to take on an active role in the organization and leadership of class activities.

FemFit 11 and 12 (Girls Only)

Recommended: PE 10

This course is intended for females who are looking to strengthen their minds and bodies in a fun and stress-free environment. Students will be challenged to learn their limits and set meaningful goals for personal growth in fitness, health and well-being. This course focuses on individual activities and non-competitive sports. However, our flexible curriculum makes it possible to adapt based on student input.

We will take a survey at the beginning of each semester and design the course around individual interests. Activities may include a variety of yoga styles, self-defense, spin, dance, kickboxing, hikes, rowing, bubble soccer, trampoline park and snow tubing. We will emphasize lifelong fitness by experiencing a wide range of activities that are available in our community. Students will be armed with the tools to stay motivated in an increasingly overwhelming society. Above all, our hope is to have everyone leave this course feeling refreshed, healthy and ready to tackle life's challenges.

There is a fee of \$100 associated with this class to cover field trips, guest instructors, and bus costs.

Fitness and Conditioning 11 *Recommended: PE 10*

Fitness and Conditioning 12 *Recommended: PE 11*

This elective course for grade 11 and 12 students will provide a learning opportunity to its participants to gain the knowledge and skills necessary to become their own personal trainer. Students will learn how to assess their own fitness, will understand the different components of fitness, will learn the different types of training techniques available to them, and will be able to develop their own personal fitness plan. While there is an academic component to this program, the mainstay of the course is on activity. Students will be actively involved in trying a variety of fitness options which adults can utilize post-school to remain fit and healthy. Aerobic and cardiovascular exercise options, muscular strength and endurance training options, various weight training types, flexibility and stress reduction techniques and other fitness forms will be addressed throughout the course. The focus of this program is a fitness-based P.E. curriculum, not on team, individual or dual activity sports as covered in other P.E. programs. The program would involve field experiences to allow students to participate in guest-led instruction to provide students opportunities to try as many different fitness orientated forms as possible. This course is open to both males and females who are highly motivated and interested in fitness.

Physical Education 11/12 - Community Recreation

This "enriched" course is designed to provide experiences for students with a special interest in the areas of sport, outdoor activities and recreation. Students will be required to participate in a variety of physical and leisure community-based field trips during class time. Activities such as archery, Bikram's hot yoga, bowling, curling, fencing, golfing, skating, broomball, hiking and more are just some of the possibilities. Community Recreation 11/12 will be an enjoyable and fun experience that both provides students with a break from the rigors of academics and exposes them to a variety of enriched activities within the school and community that will promote lifelong health, wellness and fitness.

****A student fee of \$225.00 will be required to cover expenses for all field trips and school district bus transportation.**

Athletic Leadership 10
Athletic Leadership 11
Athletic Leadership 12

Recommended: Teacher Permission

A majority of the 110 hours required for this course will be completed outside of regular school and on select weekends.

Aim: Athletic leadership is designed to provide students with an opportunity to demonstrate and improve their organization, communication and confidence in a leadership setting at Steveston-London. The goal of the class is to manage the athletic program at Steveston-London and improve school spirit.

Objectives: Students will...

- a) Organize and facilitate an Athletic Committee and/or activities at the school.
- b) Organize and facilitate the Athletic Banquet at Steveston-London.
- c) Demonstrate & improve leadership skills (organization, communication, confidence self-concept).

***Students in grade 10 will also be required to complete a physical activity component with this course.*



Life Sciences 11 (Biology 11)

Prerequisite: Science 10

Life Sciences 11 is an introductory course in the life sciences designed to give students an appreciation for the living world. Lab activities (including microscopy, investigation, classification of organisms and specimen dissections) are an integral part of this course. Life Sciences 11 is recommended by a number of college and university courses. The course consists of: The overview of biology, microscopy, cell biology, molecular basis of inheritance, evolution and classification; Microbiology: viruses, protists; Mycology and plant biology: fungi, simple plants and flowering plants; and Animal biology: invertebrates and vertebrates.

Chemistry 11

Prerequisite: Science 10

Recommendation: C or better in Science 10 and Math 10

Chemistry is the study of matter and consists of the examination of a variety of topics. It is a lab-based course relating chemical properties & reactions of elements and compounds to the periodic table. Additional topics include a unit of transition metal chemistry which provides a variety of interesting experiments and challenging concepts for the students. Evaluation of student work includes labs, quizzes and unit tests, and inquiry projects.

Earth Science 11

Prerequisite: Science 10

Earth Science 11 is a course designed to give students an appreciation of our dynamic and restless planet. Topics covered include: Plate Tectonics, Astronomy, Oceanography, and Earth's Resources. This academic course is recognized by post-secondary institutions for entrance requirements. Students who are interested in a career in Environmental Sciences/Engineering or are planning to enroll in Geology 12 are encouraged to take this course.

Physics 11

Prerequisites: Science 10

Recommended: C+ or better in Science 10 and Math 10.

Students must have a scientific calculator.

Physics 11 is designed to introduce students to the world of physics and is a required course for acceptance into UBC and SFU science programs. Topics covered include:

- Kinematics; the Study of Motion.
- Dynamics; Forces and Newton's Laws of Motion
- Energy; Forms and Conservation
- Wave Motion
- Electrical Circuits

Classroom activities will consist of demonstrations, guided inquiry through labs, simulations, and/or video analysis, demonstrated problem solving approaches, note taking, practice problems, written assignments/lab reports and worksheets,

Student evaluation will be based on: collected problem solving tasks, lab/activity reports, written assignments, quizzes, unit tests, potential research projects, and a possible final exam.

Engineering Design 11

Prerequisite: Science 10

**Note: This course does not count as a Grade 11 Science or Foundations course*

Do you like to create things with your own hands? Are you interested in how things work? Do you like to play with LEGO? Have you thought about becoming an Engineer or would like to learn more about Engineering? If you have answered yes to any of these questions, then "Engineering Design 11" is the course for you. This elective course offered by the Science Department is for students in grades 9-12. Working in groups you will design solutions to a variety of design challenges involving wind turbines, balloon rocket cars, and LEGO robots. Throughout this process you will improve your skills in: problem solving and engineering design, time management, computer use and programming, technical writing, and giving presentations. Come and have some fun in Engineering Design!

Anatomy and Physiology 12 (Biology 12)

Prerequisite: Life Sciences 11

Anatomy and Physiology 12 is a course designed for students interested in pursuing biology at some future date in a post-secondary institution. The course is demanding, and it is recommended that students have a good background in chemistry. Chemistry 11 and Life Science 11 are highly recommended so students become familiar with Biological terminology and study techniques. Students who have taken Life Science 11 are more successful in this course. Topics are extensive and consider biology at a molecular level - cell biochemistry, cell compound enzymes and nucleic acids. Also, all major human body systems (anatomy and physiology) are covered. Laboratory work includes dissections.

Chemistry 12

Prerequisite: Chemistry 11

The Chemistry 12 course will prepare students intending to take Science at the post-secondary level. The course builds on some of the concepts of Chemistry 11 and has a significant practical component. The units covered are Reaction Kinetics, Reaction Equilibrium, Organic Chemistry, Redox reactions and Solution Chemistry. As with Chemistry 11, lab based learning outcomes form part of the course assessment.

Advanced Placement Chemistry 12

Prerequisite: Chemistry 11 (CH 11) and Chemistry 12 (CH 12) must be completed prior: minimum B in both Chemistry 11 and Chemistry 12.

This course covers material equivalent to first year university/college chemistry and as such will give students a distinct advantage in post-secondary science and engineering programs. Content includes structure of matter, states of matter, reactions and their rates, thermodynamics, organic chemistry and a robust selection of challenging inquiry activities. Contests and exams include: Thompson Rivers University contest, the Chemistry 13 News exam (from the University of Waterloo) and the Advanced Placement Chemistry exam (from the College Board)

**See enrichment opportunities (Advanced Placement)

Physics 12

Prerequisite: Physics 11

Recommendation: C + or better in both Ph11, Math 11. Math 12 should be taken before or concurrently.

Physics 12 builds on many of the concepts covered in Physics 11. Specifically Physics 12 has units in:

- Relative Motion and Kinematics in 2D
- Dynamics in 2D
- Momentum in 1D and 2D
- Circular Motion and Gravitation
- Electrostatics (time permitting)
- Electromagnetism
- Equilibrium

Physics 12 is a required course for post-secondary studies in Engineering. Classroom activities will consist of demonstrations, guided inquiry through labs, simulations, and/or video analysis, demonstrated problem solving approaches, note taking, practice problems, written assignments/lab reports and worksheets, Student evaluation will be based on: collected problem solving tasks, lab/activity reports, written assignments, quizzes, unit tests, potential research projects, and a possible final exam.

Geology 12

Recommend Earth Science 11

Geology 12 is a course that is designed to give students the opportunity for an in-depth study of the earth sciences. Topics covered may include: Earth processes (volcanoes, earthquakes, plate tectonics, rivers, and glaciers), Structural geology (faulting, mountain building), Historical Geology (fossil origin and evolution of life on earth), Astronomy (the solar system, geology of the moon and inner planets) and Earth Materials (minerals, rocks, mining and petroleum resources and environmental issues). This Science course is recognized by post-secondary institutions for entrance requirements. Students who are interested in a career in environmental sciences and geological engineering are encouraged to take this course.



Social Studies

REQUIRED COURSES: (For students in grades 8 – 10)

Social Studies 8

Social Studies 8 is an opportunity for students to learn about our colorful and diverse cultural heritage. Students will explore the intriguing Middle Ages by comparing the civilizations of Western Europe, Eastern Europe, the Middle East, India, China, and Japan. They will examine the tremendous changes caused by the Renaissance, the Reformation, the Age of Exploration and contact between Europeans and Indigenous peoples. Overall, the historical time period that Social Studies 8 covers is from 800 CE to 1750 CE. Relevant current issues will be addressed and geographic skills will be integrated into the program of studies. Students will begin to develop their skills in decision-making, problem solving, and critical thinking.

Social Studies 8 Spectrum

Social Studies 8 Spectrum follows the same curriculum, and is assessed using the same performance standards, as Social Studies 8. However, Social Studies 8 Spectrum incorporates elements of enrichment, which could include the deeper exploration of skills and concepts and/or the introduction of skills from higher grades. All Spectrum courses place an emphasis on the development of cooperative learning, inquiry, and leadership skills. Spectrum is a three-year program of enriched studies (Grades 8-10) that includes English, Social Studies, Math and Science. Applications for Spectrum 8 will be available January 9 and due February 21, 2020. For more information, see the Spectrum Program website at: <https://slss.sd38.bc.ca/school-info/spectrum-program>

Social Studies 9

Social Studies 9 focuses on the growth of nations. It builds on the themes developed in Social Studies/Humanities 8 and introduces a Canadian strand of focus. The concept of democracy is studied by analyzing the background and events of the English, French and American Revolutions. Industrialization in England and North America is also a major area of focus. The course transitions into early and modern Canadian history, investigating the social, economic and political influences that began to shape Canada's development into an autonomous nation. Overall, the historical time period that Social Studies 9 covers is from 1750 to 1914. Current events relevant to past issues and themes will also be examined.

Social Studies 9 Spectrum

Recommended: Social Studies 8

Social Studies 9 Spectrum follows the same curriculum, and is assessed using the same performance standards, as Social Studies 9. However, Social Studies 9 Spectrum incorporates elements of enrichment, which could include the deeper exploration of skills and concepts and/or the introduction of skills from higher grades. All Spectrum courses place an emphasis on the development of cooperative learning, inquiry, and leadership skills. Spectrum is a three-year program of enriched studies (Grades 8-10) that includes English, Social Studies, Math and Science. If spaces become available for Spectrum 9, the program will accept applications in May, 2020. For more information, see

the Spectrum Program website at: <https://slss.sd38.bc.ca/school-info/spectrum-program>

Social Studies 10

Social Studies 10 builds on themes developed in earlier grades and focuses on the evolution of Canada as a nation. It highlights the political, social, and economic forces that played a part in Canada's experience throughout the 20th Century. Students will explore the development of our society through two world wars, immigration, Canada-US relations, regionalism, and global peacekeeping. Furthermore, students will address concerns relating to the environment, population growth, distribution of resources, and living standards. The curriculum is designed to engage students in critical yet creative inquiry into the challenges facing Canadians in the 21st century in an increasingly interconnected and complex world.

Social Studies 10 Spectrum

Recommended: Social Studies 9

Social Studies 10 Spectrum follows the same curriculum, and is assessed using the same performance standards, as Social Studies 10. However, Social Studies 10 Spectrum incorporates elements of enrichment, which could include the deeper exploration of skills and concepts and/or the introduction of skills from higher grades. All Spectrum courses place an emphasis on the development of cooperative learning, inquiry, and leadership skills. Spectrum is a three-year program of enriched studies (Grades 8-10) that includes English, Social Studies, Math and Science. If spaces become available for Spectrum 10, the program will accept applications in May, 2021. For more information, see the Spectrum Program website at: <https://slss.sd38.bc.ca/school-info/spectrum-program>

ELECTIVES: (For students in grades 11 and 12)

Physical Geography 12

The interplay of human activity and the natural world is at the heart of this course. Students will investigate numerous themes upon the backdrop of major topics such as natural disasters, landforms, resources, biomes, plate tectonics, and weather. Learning will be facilitated through a variety of methods, of which technology will be a common thread. Assessments will be designed to allow for feedback and mastery, culminating in the greatest opportunity for student success. For those moving on to post-secondary such as UBC (or similar), Geography is both an approved course towards admissions, as well as a helpful preparation for 100 level university classes in the faculty of Earth, Oceans, and Atmospheric Sciences. An annual multi-day overnight field trip is an optional activity to those enrolled. Students are encouraged to see the instructor for further details about the field trip or any other aspect of the course.

Social Justice 12

The aim of Social Justice is to raise students' awareness of social injustice, to enable them to analyze situations from a social justice perspective, and to provide them with knowledge, skills, and an ethical framework to advocate for a socially just world. We analyze major topics that include: poverty, homelessness, racism, gender, LGBTQ, genocide, child labour, child soldiers, First Nations, and globalization.

20th Century World History 12

This course covers global human history throughout the 20th century. History uses an array of source material such as film, digital media, primary documents and forms of propaganda. Students will analyze the causes and consequences of significant events such as WWI, The Russian Revolution(s), WWII, the Holocaust, The American Civil Rights Movement, and the Cold War Era (which encompasses subjects such as the Korean War, Vietnam and the Cambodian Genocide). Other topics include universal suffrage movements, Indigenous peoples' rights, and India's independence movement. Students will have creative ways to demonstrate their developing historical knowledge through discussions, debates, field trips, interactive assignments, and collaborative projects.

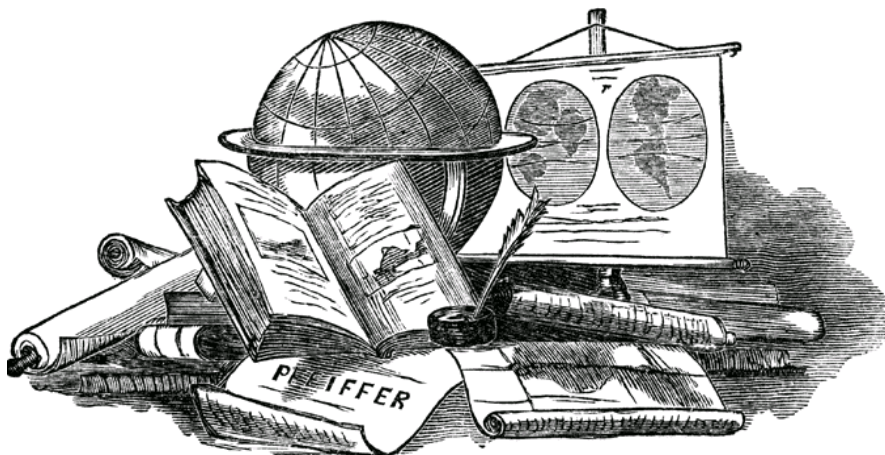
Law Studies 12

Laws abound everywhere and control and organize much of what takes place in society. This course gives students an introduction to the Canadian Legal System through a variety of activities ranging from simulations (mock trial & mock wedding), debates, and role-plays, to discussions, presentations, and a field trip to court. Students will be introduced to the foundations of law, the Charter of Rights of Freedoms and Human Rights, along with Criminal Law, Tort Law, Family Law and Contract Law. Students will have an opportunity to explore our legal system in fun, creative, and meaningful ways.



Contemporary Indigenous Studies 12

This course explores the important history and rich cultures of the Indigenous peoples of Canada from prior to the arrival of Europeans to the present, examining the impacts of contact, religion, and colonialism. Students will learn about the foundations of contemporary issues as they explore the legacy of the fur trade, land treaties, and consequential government policies such as the Indian Act and residential schools. Students will also examine the significance of oral traditions in Indigenous cultures. Additionally, students will be provided with opportunities to learn about Indigenous cultures from around the world, as making connections between local and global movements for reconciliation can foster empathy and social awareness. Through dynamic activities such as talking circles, discussions, project work, film, field trips, and guest speakers, students will have opportunities to engage with Indigenous knowledge and world views in authentic, creative, and meaningful ways.



Technology Education

Safety instruction and practices are taught in all Technology Education courses. The wearing of safety gear is essential e.g., eye protection, ear protection, etc. Basic supplies will be provided to students in order to meet the learning outcomes of all courses. Optional materials and field trips must be paid for by the student.

Applied Skills 8- ADST 8

This course is project based and is designed for all grade 8 students. The Technology Department introduces students to all areas of the Technology curriculum at Steveston-London. These may include woodwork, electronics, transportation, metal work, and drafting (CADD/Animation).

TRANSPORTATION COURSES

Transportation Technology Level 1/(Power Technology 10)

This course, open to students in grade 9-12, is designed to provide a non-mechanical person with the opportunity to acquire the know-how for basic vehicle care & maintenance. Students will learn mechanical concepts through marine, aviation, bicycles and other forms of technology. Students are encouraged to consider this course, as it will provide real life skills for safe and happy motoring throughout life.

Content:

- Basic mechanical concepts
- Understanding of engine parts
- Minor vehicle repair
- Simple trouble shooting and diagnosis
- Rebuilding a small engine

Open to all grades. After taking this course, students can move into Transportation Level 2 or Aviation Level 1.

Transportation Technology Level 2/(Automotive Technology 11)

Recommended: Transportation Tech Level 1 or teacher's permission

This course is for students who wish to explore various power, energy and transportation devices and how they work. Topics will include land, sea and air-based vehicles with an emphasis on the power and energy systems that make them operate. Practical components will include diagnostic & trouble shooting of small engine systems, maintenance, and rebuilding. This course will also expand on Marine & Aviation concepts.

Content:

- What you should know before you have your vehicle repaired
- Proper procedures to follow when there is a breakdown
- Understanding of engine parts and systems
- Minor vehicle repair
- Simple trouble shooting and diagnosis

Transportation Technology Level 3 (Automotive Technology 12)

Recommended: Transportation Tech Level 2 or teacher's permission

This level 3 course expands on the skills developed in Level 2. Students may focus their attention towards transportation in either land, sea or air.

Students will utilize their knowledge of power systems to:

- Diagnose & trouble shoot more complex system failures,
- Design & build solutions to system failures,
- Build a motorized system.

Content may include:

- Mechanical systems,
- Body / hull / fuselage / frame systems,
- Welding,
- Design,
- Finishing, &
- Boat design & building.

Transportation Technology Level 4/(Engine and Drivetrain 12)

Recommended: Transportation Tech Level 3 or teacher's permission

Transportation Level 4 is a continuation of Level 3 – emphases are placed on the diagnosis and repair of more complex transportation problems and may include design & build from the ground up utilizing available materials. Students will propose, design & build a solution to their own transportation needs. Students are encouraged to bring in project materials of their own which may include vehicles (e.g. skate, bike, boat, car, etc.) of any kind, or equipment to modify a vehicle of their own. Basic materials are provided.

AVIATION COURSES

Aviation Technology Level 1

This course will not be offered for the 2022/2023 school year.

Aviation Technology Level 2

This course will not be offered for the 2022/2023 school year.

DRAFTING COURSES

Drafting and Design – Level 1 (Drafting 10)

Drafting and Design Level 1, open to students in grades 9-12, is an introductory course that focuses on 2 and 3-dimensional drafting and design. Students will learn the design process, blueprint and plan reading, sketching, computer drafting (AutoCAD), and model prototyping. Students may design some projects that use the 3D printers and laser cutter/engraver. The kind of hands-on experience this course offers is applicable to students' contemplating careers in Technology, Trades, Engineering, Architecture, Product and Interior Design, Animation, and Urban Planning.

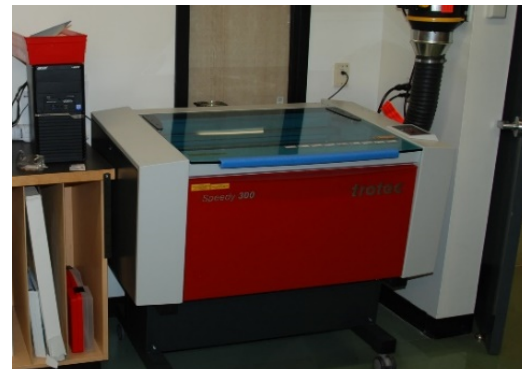
Drafting and Design – Level 2 (Drafting 11)

Recommended: Drafting and Design Level 1

This second level drafting course, open to students in grades 10-12, builds upon the skills and knowledge learned in level 1 in the areas of 2 and 3-dimensional design and drafting. This course will cover sketching, mechanical and architectural drawing and model making. Students may design some projects that use the 3D printers and laser cutter/engraver. The kinds of hands-on experiences this course offers are applicable to students contemplating careers in trades, engineering, architecture, interior or fashion design, animation, robotics, electronics, and urban planning.



3D Printers



Laser Cutter/Engraver



3D Modeling & Lighting

Drafting and Design – Level 3 (Drafting 12)

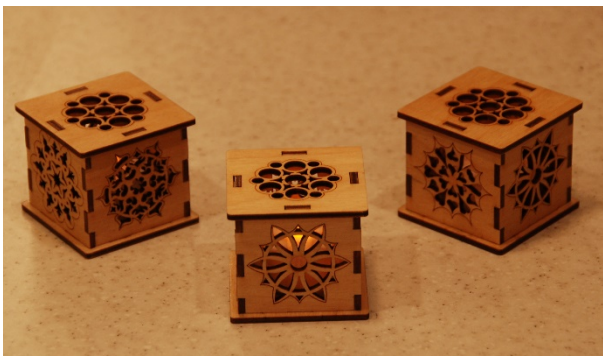
Recommended: Drafting and Design Level 2 or teacher permission

This level 3 course is open to grades students in grade 11-12 students. Students will have in-depth opportunities to further develop their skills and knowledge in drafting and animation. Students can choose an area of specific interest: mechanical (2D or 3D), architectural, or computer animation and create advanced techniques such as modeling, rendering, architectural walk-through sequences and animations. The 3D printers and laser cutter/engraver will be available for students to use. As this is a self-directed course, students will be responsible for goal setting, identifying and meeting their learning outcomes, developing and adhering to a timeline.

Drafting and Design Level 4

Recommended: Drafting and Design Level 3 or teacher permission

This level 4 course is open to students in grade 12 and is a continuation of Drafting and Design Level 3. Students will further develop their skills and knowledge by choosing an area of interest, such as drafting, animation or scale modeling, and in conjunction with the teacher create their own curriculum. The 3D printers and laser cutter/engraver will be available for students to use. This is an advanced course suitable for those students interested in a career in animation, engineering, architecture, drafting or related fields.



Laser Cutter Lantern Project

METAL DESIGN COURSES

Metal Design Level 1/(Metalwork 10)

This course is open to all students in grades 9-12. Metal Design Level 1 will offer students the opportunity to explore the various aspects of metalworking, art metal, and jewelry design using a variety of techniques including: modeling, casting, joining, polishing, brazing, welding, texturing and finishing. Students will learn the working characteristics of different metals and how to incorporate them into their own designs. Projects may include: tool boxes, band and cast rings, jewelry (rings, bracelets, brooches, earrings, etc.), stone- setting, chains, metal and wire sculpture, enameling.



Silver Casting

Metal Design Level 2/(Metalwork 11)

Recommended: Metal Design Level

1

This course is open to students in grades 10-12. Metal Design Level 2 will allow students to build on their past metalworking skills and knowledge to create more complex and intricate project designs. Students will be encouraged to work independently on their own designs. Projects may include advanced forms of sheet metal, band and sterling silver cast rings, jewelry, stone-setting, chains, metal and wire sculpture and enameling.



Lathe & Soldering Projects

Metal Design Level 3: Art Metal and Jewelry

Recommended: Metal Design Level

2

This course is designed to challenge students in the processes of metal working. Students will learn advanced methods of art metal/jewelry creation, which may include: ring making, silver soldering, forging, polishing, setting stones, lost wax casting, and wire working. Projects for this course may include custom designed jewelry, medieval gauntlets, lathe projects, or other projects with teacher consultation.



Metal Design Shop



Various Metal Design Projects

WOODWORK COURSES

Woodwork Level 1/(Woodwork 10)

Woodworking Level 1 is open to all grade 9-12's and is an introductory course in woodworking. The course will cover the basic principles using a variety of hand and machine tool operations with the care of equipment and safety as a number one priority. Through a variety of projects, students will learn about the design process as well as how to read and develop working drawings, measure, cost and layout material, and learn a variety of joinery skills. By the end of the course, students will successfully have built a number of projects that they can take home and be proud of.

Woodwork Level 2/(Woodwork 11)

Recommended: Woodwork Level 1

This is a project-orientated course for students who wish to develop their potential in woodwork as a hobby or potentially a career. Building on their previous experience, students will learn more advanced methods of joinery (i.e. mortise and tenon), wood finishing (i.e. staining), carving, and the use and maintenance of hand and power tools. Students will also further expand their knowledge of the design process and will have the opportunity to apply it to some of their projects throughout the course.

Woodwork Level 3/(Woodwork 12)

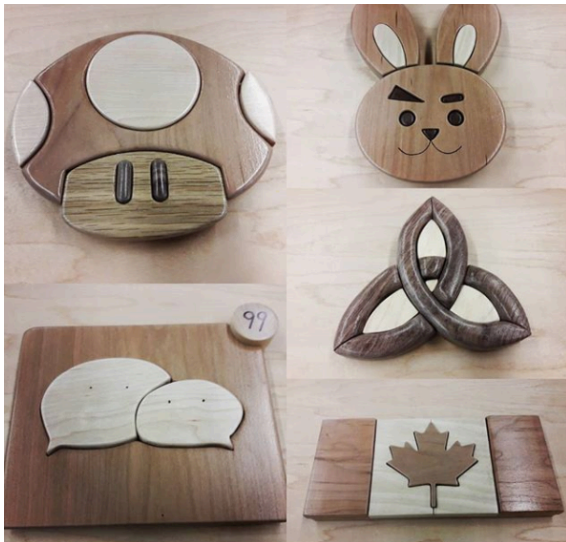
Recommended: Woodwork Level 2

This is a senior level course suitable to grade 11 and 12 students bound for a career in woodwork, construction, stagecraft and carpentry or students who enjoy woodworking as a hobby and want to benefit from the skills and techniques learned. Students will be expected to work independently from plans and project books with the opportunity to be able to design and build their own projects with the teacher's permission. Advanced techniques on equipment and hand tools will be taught to further advance your skills in the wood shop.

Woodwork Level 4

Recommended: Carpentry and Joinery Level 3

This course is open to students in grades 11 and 12. Woodwork level 4 is a natural continuation of Carpentry and Joinery level 3 and it will focus on the construction of fine furniture and cabinetry. Students will be encouraged to explore their specialized interests. Various design strategies may be discussed. Students will create original designs and construct modern furniture and cabinetry. Practical skills will include practical design and finishing techniques.



	Grade 9	Grade 10	Grade 11		Grade 12		
English	English Language Arts 9 English Language Arts 9 Spectrum	English Lang. Arts 10 English Language Arts 10 Spectrum	Composition 11 Composition 11 Enriched		English Studies 12 English 12 First Peoples		AP English Studies 12 (Language & Composition)
Mathematics	Math 9 Math 9 Enriched Math 9 Spectrum Math 9 Bridge	Foundations/Pre-calculus 10 Found/Pre-calc 10 Enriched Found/Pre-calc 10 Spectrum Workplace Math 10	Pre-calculus 11 Pre-calculus 11 Enriched Foundations of Math 11 Workplace Math 11		Pre-calculus 12 Foundations of Math 12 Apprenticeship Math 12		Calculus 12 AP Calculus 12
Physical Education	Physical & Health Education 9	Physical & Health Education 10 Athletic Leadership 10	PE 11 Active Living PE 11: Community Rec Fitness & Condition. 11	Athletic Leadership 11 Fem Fit 11 (Girls Only)	PE 12 Active Living PE 12: Community Rec Fitness & Conditioning 12		Athletic Leadership 12 Fem Fit 12 (Girls Only)
Career Ed.		Career Life Education 10 Career Life Ed./Peer Helping Leadership 10	Career Life Connections				
Science	Science 9 Science 9 Spectrum	Science 10 Science 10 Spectrum	Life Sciences 11 Chemistry 11 Engineering Design 11	Earth Science 11 Physics 11	Anatomy & Physiology 12 Chemistry 12		Physics 12 Geology 12 AP Chemistry 12
Social Studies	Social Studies 9 Social Studies 9 Spectrum	Social Studies 10 Social Studies 10 Spectrum			20 th Century World History 12 Physical Geography 12 Contemporary Indigenous Studies 12		Law Studies 12 Social Justice 12
Modern Languages	French 9 Japanese 9. Spanish 9 Mdanrin 9	French 10 Japanese 10 Mandarin 10 Spanish 10	Japanese Introductory 11 Spanish Introductory 11	French 11 Japanese 11 Mandarin 11 Spanish 11	French 12 Japanese 12 Mandarin 12 Spanish 12		
Art	Art Education 9: Art Studio Visual Arts 9: Drawing/Painting Visual Arts 9: Ceramics/Sculp. Visual Arts 9: Photography Level 1	Art Studio 10 Studio Arts 3D 10 Visual Arts 2D 10 Photography Level 1 Yearbook 10	Art Studio 11 Visual Arts 2D 11 Studio Arts 3D 11 Graphic Arts 11: Printmaking/Graphics Media Arts 11: Digital Media	Media Arts 11: Multimedia/Technology Yearbook 11 Photography Level 2	Art Studio 12 Visual Arts 2D 12 Studio Arts 3D 12 Graphic Design 12: Printmaking/Graphic Design Media Arts 12: Digital Media		Media Arts 12: Multimedia/Technology Yearbook 12 Advanced Photography Level 3
Business Education	Marketing: Entrepreneurship 10 Computer Studies 10	Accounting 11	Computer Programming 11 (Level 1) Dig Comm. and Media Design 11 Marketing: Promotions 11		Accounting 12 Economics 12 Financial Accounting 12		Computer Programming 12 (Level 2) Dig Media Develop. 12 Marketing: E-Comm.12
Home Economics	Foods Studies Level 1 Textile Arts & Crafts 10 Textiles Level 1		Foods Level 2 Textile Arts & Crafts 11	Textiles Studies Level 2	Foods Studies Level 3 Textile Arts & Crafts 12 Textiles Level 3		Fashion Design 12
Music	Concert Band/Instrl Music 9/10 Vocal Ens/Chorale Music 9/10 Guitar Level 1		Concert Band/Instr Music 11 Vocal Ens/Chorale Music 11	Guitar Level 2 Recording Arts Tech. 11	Concert Band/Instr Music 12 Vocal Ensemble/Chorale Music12		Guitar Level 3 Recording Arts Tech. 12
Technology Education	Drafting & Design Level 1 Metal Design Level 1 Woodwork Level 1 Transportation Tech Level 1		Drafting & Design Level 2 Metal Design Level 2 Woodwork Level 2 Transportation Tech Level 2		Drafting & Design Level 3 Metal Design Level 3 Woodwork Level 3 Transportation Tech Level 3		Drafting & Design Level 4 Woodwork Level 4 Transportation Tech Level 4
Theatre	Drama 9	Theatre Performance 10 Dance Found. 10	Dance Technique 11	Theatre Production 11 Theatre Performance 11	Dance Choreography 12 Theatre Performance 12		Theatre Production 12 Directing & Script Dev. 12 Directed Studies in Theatre
Other			Human Services Intramurals				Human Services (open to gr 11 and 12 students only)
ELL	ELL-Beginning English ELL-Beginning SS ELL-Beginning Science	ELL-Developing English ELL-Developing SS ELL-Developing Science	ELL-Expanding English ELL-Expanding SS	ELL-Consolidating English			
Resource	Resource	Lifeskills					
Career Prep. (Gr 12 only)	Accounting			General Business	Law		



RICHMOND VIRTUAL SCHOOL



Courses Offered by RVS

20th Century World History 12
Accounting 11
AP Psychology 12
Biology 11, 12
Calculus 12
Career Life 10-12
Chemistry 11, 12
Computer Programming 11
Cybersecurity 11, 12
Dance 10-12
Economics 12
English 10, 11, 12
Foods and Nutrition
Foundations and Pre-Calculus 10
Foundations of Math 11, 12
French 10, 11, 12
Geography 12
Mandarin 11, 12
Outdoor Education 11, 12
PHE and Active Living 10-12
Physics 11, 12
Pre-Calculus Math 11, 12
Science 10
Social Studies 10, 11
Young Entrepreneur Leadership

The **Richmond Virtual School (RVS)** is a Distributed Learning secondary school that uses a blended model of online and face-to-face interaction to deliver high quality and dynamic learning opportunities to Richmond students. We have one of the highest success rates in BC.

Our blended Learning approach provides more choices for students, teachers, and schools. RVS students have the flexibility to learn the course content at a time that works for them. As independent learners, students will also benefit from developing life-long learning skills that will prove useful in other online learning opportunities.

We provide free academic and elective courses in grades 10 to 12. Students can take one or more courses through RVS and still be registered in their home school. We also offer a personalized project-based learning program for grade 11 and 12 students called **SKY**. We have extended the **SKY** program to include grade 8, 9 and 10 students in our new **RAIL** program. See our website for more information on the **SKY** and **RAIL** programs as well as our online courses.



Register at

RichmondVirtualSchool.ca

Contact us: rvs@sd38.bc.ca

604-668-6371



PROGRAM OPTIONS FOR SD38 STUDENTS

(View our Program Brochure on the following pages. More details on our website under “Programs” Tab.)

Website: <https://careerprograms.sd38.bc.ca>

Students **earn high school credits** for all of the programs listed. All count toward a student’s GPA.

1. Youth Train in Trades – Grades 11/12 (sometimes Gr 10)

Pre-Apprenticeship Technical Training Program with the Industry Training Authority (ITA)



- Earn Foundation/Level 1 technical training in a trade
- Trained by a Red Seal certified journeyperson
- Choose from several programs offered
- Post-secondary tuition covered (a savings of \$2500-\$4500)
- Beat post-secondary waitlists
- Acquire skills to earn a competitive advantage for the workplace/further studies

2. Youth Work in Trades – Grades 10-12

Work-Based Apprenticeship Training (ITA), contributing to student’s Level 1 certification



- Students working (paid) in a trade can contribute those hours toward their Level 1 certification with the ITA.
- Must be working in an ITA-recognized trade (choose from >100)
- Red Seal journeyperson supervision
- Earn up to 16 high school credits while working
- Earn \$1000 Ministry of Education award

3. *NEW* Manufacturing and Engineering Centre (MEC) – Grades 11/12

Held afternoons at Burnett Secondary and open to all SD38 Grade 11/12 students



- Earn three high school courses = 12 credits (Grade 12 level)
- Earn a certificate through the BC Alliance for Manufacturing
- Choose from:
 - *CNC Lathe Production Technician*
 - *Advance Manufacturing Technician*
 - *Composite Manufacturing & Repair Certificate*
 - *CNC Machining Centre Production Technician*
 - *Drafting and CAD Technician*
 - *Mechatronics & Industrial Automation Technician*
- Engage in Work Experience in the manufacturing industry
- Applications due in Spring

4. Link38 – Gr. 11’s apply for Gr. 12

Take one academic course at Kwantlen (Richmond) through Career Programs



- Applications available on our website in April or May
- Must apply in Gr. 11 and take September of Gr. 12
- Only some courses offered (not all KPU courses available) – see our application

Find more information on the following pages and on our slat board (in/near your counselling area).
Email our office for more information: careerprograms@sd38.bc.ca



CAREER PROGRAMS

SCHOOL DISTRICT NO. 38 (RICHMOND)

A Future Without Limits



SD38 CAREER PROGRAM OFFERINGS



careerprograms.sd38.bc.ca



@sd38careers

RICHMOND
SCHOOL DISTRICT NO. 38

APPLYING for an SD38 Youth TRAIN in Trades (YTIT) Program

WHY:

- FREE TUITION*** (paid by Richmond School District #38; savings of \$2500 - \$4000)
- Start post-secondary while in high school; beat their math labs
- Be eligible as an apprentice-in-training with the Industry Training Authority (ITA)
- Earn **TRIPLE CREDITS** for
 - High School ... 20-28 elective credits (Grade 12 courses that count toward GPA)
 - College/University ... credits/certificate with partner post-secondary school
 - Industry Training Authority ... Level 1 technical training + work hours toward apprenticeship
- Acquire job-ready skills during program and earning potential immediately upon graduation

*Student is responsible for all other associated program fees, books, equipment, tools and consumable items. These are outlined in the Youth Train in Trades application form.

WHO:

- Keen interest in the trade for which student is applying
- Prior coursework related Gr. 10-11 coursework an asset (comfortable using trade-related tools)
- Demonstrate level of maturity suitable to a post-secondary environment where students may be in class with adults
- Strong English language skills to communicate and interpret information and technical language
- Strong Math and Science skills for solving problems and making decisions
- Driver's license is an asset (a must in some trades)
- Will not achieve Ministry of Education graduation prior to program start (graduates may be considered in exceptional circumstances for programs held within SD38 schools)

HOW:

- Complete Youth Train in Trades application (get from black Career Programs display board in/near your counselling area OR download from the District Career Programs Office website)
- Include all required documents prior to submitting (use checklist found in application)
- Submit completed application to the Career Programs Office (Cambie Secondary - Learning Services)
- Those who qualify will be invited for an interview (April-June)
- NOTE: Quality of applications will be assessed based on the following criteria: academic achievement, related coursework, work habits, attendance/punctuality, overall behavior and attitude

WHEN:

- APPLY EARLY**, as there are limited seats for these programs
- APPLICATION DUE DATE(S)** are listed on front page of the form (must apply by end of February for Falling and by end of second deadline for all other programs)

QUESTIONS? Contact the Career Programs Office (see back page)

PARTICIPATE in the Youth WORK in Trades (YWIT) Program

WHY:

- Earn up to 16 high school credits (four courses) for paid work
- Be registered as an apprentice with the ITA while in high school
- Work hours go toward Level 1 trade certification
- Student is sponsored by employer
- SDB Career Programs support provided for apprentice, employer and ITA
- May qualify to earn a \$1000 Ministry of Education award

WHO:

- Working in a recognized trade, either full or part-time (See qualifying trades at www.ihbc.ca)
- Are RMIID (cannot be under the table)
- Are between 15-19 years old
- Have a certified supervisor (Certificate of Qualification, Red Seal, or Journey person)

Other District Partnership Programs

Applications available through your Career Advisor, School Counsellor or the SDB Career Programs Office
(Also found on your school's [Career Programs](#), [CDO](#) display board or on the [CDO website](#).)

Program and Application Due Dates (Approximate)	Overview of Program
<p style="text-align: center;">*NEW* RICHMOND RCMP Youth Academy</p> <p style="text-align: center;">Application Due Date: Early November</p>	<p>Description: For those interested in a career in policing or law enforcement, this is an intense 46 day career simulation opportunity that takes place in SDB. Students participate in theory and practical sessions, through role-play and various team work activities, including drill practice. Run by Richmond RCMP staff, the Academy challenges students, both mentally and physically giving them confidence and practical skills that will last a lifetime.</p> <p>Program Title/Date: Thursday, Feb. 17th – Monday, Feb. 21st, 2022 + Grad Night/Tue. Feb 22nd</p> <p>Who Can Apply: SDB students in Grades 10-12 (Preference given to those in grades 11/12)</p>
<p style="text-align: center;">*NEW* Exploration in MANUFACTURING AND ENGINEERING</p> <p style="text-align: center;">Application Due Date: Before Spring Break</p>	<p>Description: This new SDB program introduces students to concepts in machining, manufacturing, fabricating and engineering. Using manual and computer numerical control (CNC) technology, students will learn and apply concepts of design, manufacture and repair of components from a variety of metals and other engineered materials. Students will learn to transform raw materials into finished manufactured products. They will acquire an industry certificate through the BC Alliance for Manufacturing and Northwest Skills Institute.</p> <p>Program Cost: TBD</p> <p>Program Title/Date: Second semester – afternoons @ Burnati (sun. at home school)</p> <p>Who Can Apply: SDB students in Grades 11-12</p>
<p style="text-align: center;">Link38 (Learning in Residence)</p> <p style="text-align: center;">Application Due Date: Middle of May</p>	<p>Description: Apply to take a Guardian Polytechnic University (GPU) evening course at the Richmond Campus. Course MUST directly correspond to student's post-secondary career or transition pathway. <u>Link38 course offered once per year and are determined by SDB Career Programs Office staff.</u> Transferable course counts for post-secondary and high school credit (4 credits). MUST apply directly through the SDB Career Programs Office, <u>not GPU.</u></p> <p>Program Cost: SDB covers tuition cost of course, Students purchase course books</p> <p>Program Title/Date: One night per week from September – December (usually 6-7pm). Day of week is dependent on course taken.</p> <p>Who Can Apply: Only Grade 11 students entering Grade 12 in the next school year</p>

YOUTH TRAIN IN TRADES (ITA) 2022-2023 PROGRAMS OFFERED

Application Deadlines

1st Deadline – End of February

(Baking Program applicants must meet 1st deadline)

2nd Deadline – End of April

****If all schools operate on the semester system in 2022-2023, Plumbing and Professional Cook 1 will be held during second semester.**

Program Prerequisites = courses that must be successfully earned prior to program start date.

PLUMBING

**Day 2's (September to June @ Palmer Secondary + 4 weeks at Piping Industry College)

In this ITA Foundation Program, students will apply their knowledge by learning how to plan, design, and install piping systems, as well as interpret drawings, use the plumbing code, and math/science. The program includes electrical and welding components. Students learn how to use industry-specific tools and machinery and will attend the UA Piping Industry College for four non-consecutive weeks during the program.



Upon successful completion of this program, students will achieve technical training credit for the first of four levels towards Red Seal certification and can seek employment as apprentices.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11; Physics 11 is recommended
- Physically able (tight spaces, moving heavy equipment)
- Successful result on district math assessment
- Previous tech ed course(s) experience an asset

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 technical training) + 375 work-based training hours
- Receive 16 credits (4 courses) at Grade 12 level

PROFESSIONAL COOK 1

**Day 2's (September to June @ Richmond Secondary) + subsequent July @ VCC

In this ITA Foundation Program students perform all phases of kitchen activities including the preparation and presentation of vegetables, soups, sauces, meat, fish and poultry, cold kitchen items; desserts, baking, pastry; basic menu planning/costing as well as knowledge of safety, sanitation and food storage, and customer relations. Students attend MANDATORY four weeks at VCC in July (where they take their practical and written ITA exams).



Students who are successful in this program, achieve the first of three levels towards Red Seal certification. Students will be encouraged to seek employment as apprentices during the program, earning hours as credit toward certification.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11
- Able to work in a fast-paced, multi-tasking environment
- Successful result on district math assessment
- FoodSafe Level 1 Certification (may complete in summer prior to program start) / Foods course experience an asset

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Qualification (Level 1 technical training) + 250 work-based training hours
- 16 credits (3 Cook courses + 1 WEX course) at Grade 12 level
- Hours worked in the trade are registered with the ITA and go toward PC1 Level 1 apprenticeship

AIRCRAFT MAINTENANCE ENGINEER – M

Full-time @ BCIT – Start date varies (see below**)

ONLY CURRENT GRADE 11 OR 12 STUDENTS MAY APPLY FOR THIS PROGRAM – May only start program in grade 12.

An Aircraft Maintenance Engineer (AME) is responsible for the release (certification) of an aircraft after maintenance, inspection, repair or modification. This is an occupation requiring a high degree of responsibility and skill. Some of the skills learned include certifying airworthiness of aircraft, troubleshooting mechanical/electrical systems and adjusting and repairing systems according to strict specifications.

The program requires a commitment to all 16 continuous months with short breaks between terms. SD38 covers tuition for the first term (4 months) ONLY and students are responsible for the tuition for terms 2, 3 and 4 (months 5-16). Students must achieve 70% in each course within every term.

PROGRAM PREREQUISITES

- Any Math 11 (min 60%) AND a Language Arts 12 (min 67% or 50% for English course)
- Must have Physics 11 (SD38 requirement)
- Successful result - BOT Mechanical Reasoning Trades pre-entry test
- Must have and Tech Ed 10/11 course and/or Auto Mechanics 11
- Good colour vision, and interest in mechanics
- Participation in Air Cadets a plus

CREDITS AND CERTIFICATION EARNED

- Receive credit for Term 1 (of 4) toward AME certification and 16 Grade 12 credits (4 courses)
- License will be granted by Transport Canada when required work experience is achieved and applicant reaches age 21. (Work experience may only begin at age 19.)
- **Check with Career Programs Office for program start date (likely early fall or late spring start date in grade 12)



AUTO COLLISION & REFINISHING TECHNICIAN

Full-time @ VCC (Broadway) – February – October

In this 35-week ITA Common Core Foundation Program, students engage in a wide range of learning opportunities in the classroom, shop and workplace settings, as related to both the auto collision and refinishing trades. VCC uses modern equipment and techniques to train students in a wide range of topics including health and safety, environmental compliance, cutting, welding and heating processes, removal and install of metal/plastic vehicle components, surface preparation, top coat application, as well as perform automotive detailing tasks that meet quality assurance standards.

Students who are successful in this program, achieve Level 1 technical training credit for BOTH of the Auto Collision and the Auto Refinishing trades. Upon completion, students may then select which of these two trades to pursue at Level 2. Students will be encouraged to seek employment as apprentices during the program, earning hours as credit toward certification.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11
- Completion of senior level Tech Ed course(s)
- Mechanical aptitude, interest and experience
- Successful result on district math assessment

CREDITS AND CERTIFICATION EARNED

- TWO Certificates of Completion (Level 1 Technical Training)
 - Auto Body & Collision Technician (and 625 work hours credit)
 - Automotive Refinishing Technician (and 450 work hours credit)
- 28 credits (7 courses) at Grade 12 level
- Must do 120 work experience hours – student arranges on own (may earn additional 4 credits with WEX)



AUTO SERVICE TECHNICIAN

Full-time @ BCIT (Burnaby) – July-Feb (before Gr 12) OR Feb-Dec (Gr 12)

(ONLY OPEN TO Gr. 11 APPLICANTS entering Gr. 12 next year.)

In this 30-week ITA Foundation Program, students develop mechanical skills as well as, electrical and computer diagnostic skills in the auto service industry. They will learn to disassemble, inspect and assemble engines and accessories, cooling systems, transmissions and clutches, drive lines, braking and suspension systems. Students will use logic and deductive reasoning in diagnosing and troubleshooting mechanical as well as electrical/electronic vehicle systems.

Students who are successful in this program, achieve the "completion" Level 1 technical training in this trade*. There are three levels towards Red Seal certification. Students will be encouraged to seek employment as apprentices during the program, earning hours as credit toward certification.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 12 (LA before program start)
- Completion of senior level Tech Ed course(s)
- Mechanical aptitude, interest and experience
- Physics 11 is strongly recommended
- Having a driver's license an asset (in order to move vehicles in shop)

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion* (Level 1 technical training) + 450 work-based training hours
- *If >70% achieved for in-school training, student will be eligible to write Level 1 Certificate of Qualification ITA exam
- 28 credits (7 courses) at Grade 12 level



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TRAIN

IN TRADES



BAKING AND PASTRY ARTS

*Full-time Semester 1 @ VCC (Pender) – July - December

***Must apply by first deadline (END OF FEBRUARY) – PROGRAM STARTS IN JULY after Gr. 11**

Students are required by VCC to submit a detailed portfolio and questionnaire in April as part of the application process.

In this 24-week ITA Foundation Program, students apply occupational skills, prepare doughs, batters and other ingredients leading to the production of breads, cakes, pies, cookies puff pastry and other baked goods. They are also trained in the assembly, icing and decoration of cakes, French pastries and petit fours. Interviews are the first week in May with the VCC baking department. Upon successful completion of this foundation program, students will achieve technical training credit for the first of three levels towards Red Seal certification and can seek employment as apprentices.

Students who are successful in this program, achieve the first of three levels towards Red Seal certification. Students will be encouraged to seek employment as apprentices during the program, earning hours as credit toward certification.

PROGRAM PREREQUISITES

- Any Math 11 (minimum 'C') AND a Language Arts 11
- VCC portfolio and questionnaire (due in April) + VCC interview (May)
- FoodSafe Level 1 Certification
- Strong attendance / punctuality record; able to stand for long time
- Completion of senior level Foods courses(s)

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 technical training) + 900 work-based training hours + VCC certificate
- 24 credits (6 courses) at Grade 12 level
- Must do 120 work-experience hours – student arranges on own (may earn additional 4 credits with WEX)



CARPENTRY (FRAMING AND FORMING)

Full-time Semester 1 or 2 @ BCIT (Burnaby)

In this 23-week ITA Foundation Program, students will learn to assemble and erect falsework and forms for concrete, wood and metal frame construction. Program topics include site/shop safety, interpreting construction drawings and specifications, understanding building code and bylaws, working with trade tools, using rigging and hoisting equipment, surveying and leveling, site layout, doing concrete formwork, residential framing and understanding building science structures. Training prepares students for entry-level employment through basic classroom theory and hands-on shop practice.

Students who are successful in this program, achieve technical training credit for the first of four levels towards Red Seal certification and can seek employment as apprentices.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 12 (LA before program start)
- Must be able to work at heights and in adverse weather
- Relevant ADST (tech ed) course work an asset (e.g. woodwork)
- Successful result on math and reading assessments

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 Common Core technical training) + 450 work-based training hours
- 20 credits (5 courses) at Grade 12 level

BCIT

ELECTRICIAN, CONSTRUCTION

Full-time Semester 2 @ BCIT (Delta Secondary) – February – July

In this 24-week ITA Foundation Common Core Program, students will learn to plan, assemble, install, test, and repair electrical systems, and maintain electrical equipment. Electrical systems provide heating, lighting, power, alarm, security, communication and control in residential, commercial, institutional, industrial, transportation, marine and entertainment environments. The program emphasizes a hands-on approach to training, where experience gained in the workshop is focused on industry practice.

Students who are successful in this program, achieve technical training credit for the first of four levels towards Red Seal certification and can seek employment as apprentices. (This program requires 70% minimum in every unit.)

PROGRAM PREREQUISITES

- Any Math 11 (min 60%) AND a Language Arts 12 (LA before program start) AND Physics 11
- Relevant ADST (tech ed) course work an asset (e.g. electrical)
- Good hearing, eyesight and hand-eye coordination

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 technical training) + 350 work-based training hours
- Receive 20 credits (5 courses) at Grade 12 level

BCIT

INTERIOR SYSTEMS MECHANIC (LATHER)

6 weeks at FTI (Surrey) – Mid-June – July

In this 6-week ITA Foundation Program, students will learn to perform job layouts using blueprints, and install, handle, erect and Apply materials that are component parts in the construction of ceilings and walls. Program topics include safe work practices, reading blueprints, using ladders, scaffolding and aerial lifts, rigging/hoisting, using hand tools, and installing insulation, non-load bearing framing and gypsum wallboard products.

Upon successful completion of this program, students will achieve technical training credit for the first of three levels towards Red Seal certification and can seek employment as apprentices.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11
- In good physical condition and able to lift heavy objects
- Ability to stand for lengths of time and work at heights

CREDITS AND CERTIFICATION EARNED

- Pass ITA exam and course work to earn Level 1 technical training certification (Certificate of Completion) + credit for 300 work-based hours
- Receive 4 credits (1 course) at Grade 12 level



JOINER (CABINET MAKER)

Full-time Semester 2 @ BCIT (Burnaby) – February – August

In this 25-week ITA Foundation Program, students will learn to use manual and CAD layout or manual and CNC/CAM machines, to assemble, install and finish articles that are fabricated with wood, plastic and other materials, and are intended to be used as architectural woodwork, millwork and furniture. Program topics include shop safety, drafting practices, layout techniques, wood working joints, structure/properties of wood, lumber production/grading/handling, identifying wood species, types of plywood, composition board, laminates, adhesives/sealants, hardware and use of basic hand tools, including power/table/band/scroll saws, drills, sanders, routers, a lathe, planer and more.

Upon successful completion of this program, students will achieve technical training credit for the first of four levels towards Red Seal certification and can seek employment as apprentices. (This program requires 70% minimum in every unit.)

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 12 (LA before program start)
- Proven mechanical aptitude, detail oriented, good physical shape
- Completion of ADST (tech ed) Woodwork course an asset
- Successful result on math and reading assessments

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 technical training) + 475 work-based training hours
- Receive 24 credits (8 courses) at Grade 12 level



WELDING

Full-time Semester 2 @ KPU (Cloverdale) – February – August

In this 26-week ITA Foundation Program, students will develop the necessary skills and knowledge to work safely and effectively using a variety of welding processes and procedures. This program prepares graduates for work with companies that manufacture structural steel and plate work, boilers, heavy machinery, and other ferrous and non-ferrous metal products. Program topics include oxy fuel and metal arc welding, air and plasma arc cutting, reading technical drawings, and basic metallurgy.

Upon successful completion of this program, students may* achieve technical training credit for both the first AND second levels (of three) towards Red Seal certification and can seek employment as apprentices. Students must commute daily to Kwantlen Polytechnic University Cloverdale campus and are encouraged to have their driver's license.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11
- Completion of ADST (tech ed) course
- Mathematical aptitude, detail-oriented and good hand-eye coordination
- Successful result on math assessment + KPU instructor interview

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion* (Level 1 AND Level 2 technical training) + 300 work-based training hours (*must be successful on ITA standardized written exam)
- Receive 24 credits (8 courses) at Grade 12 level



ADDITIONAL Youth Train In Trades Programs OFFERED:

- Sheet Metal (BCIT-Burnaby) – schedule TBD
- Metal Fabrication (BCIT-Burnaby) – schedule TBD
- Millwright (Industrial Mechanic) (KPU – Cloverdale) – January (31st) – July
- Painting and Decorating (Finishing Trades Institute – Surrey) – 6 weeks (mid-June to end of July)
- CNC Machinist (BCIT-Burnaby) (Gr 12 only) – January start – Needs 2-year program commitment

(All programs offered are full-time, and are taught face-to-face or using a hybrid learning model.)

See your Counsellor or Career Information Advisor for more info. See back page to contact Career Programs.

Career Programs Office Team

- **Terri Lockhart** (Coordinator – Career Programs)
- **Peter Thackwray** (Facilitator – Career Programs)
- **Grace Imperial-Prasad** (Administrative Assistant)

Questions for the Team?

- **EMAIL:** careerprograms@sd38.bc.ca
- **CALL:** 604-668-6000 ext 3766

For More Information...

- Check the Career Programs website
- Arrange for a program site tour
- Check Career Programs display board (In/near each school's counselling area)

SD38 Career Programs Office
c/o Camble Secondary School, 4151 Jacombs Road,
Richmond, BC V6V 1N7



Secondary Parent Information Evenings

- Presented VIRTUALLY in the comfort of your own home!
- Meeting link details will be posted on our website and social media channels
- **CHOOSE** an evening that works for you (Time is 6:30-7:30pm)
 - Tuesday, November 9th OR
 - Wednesday, January 26th OR
 - Thursday, February 24th
- **LEARN** what our programs offer to students:
 - Post-secondary credits earned in high school
 - Free tuition – paid by SD38
 - Life-long employability skills acquisition
 - Apprenticeship certifications and more
- **HEAR FROM** Industry Guest Speakers



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