



**COURSE PLANNING BOOK**  
**2022 – 2023**  
**Sir Charles Tupper Secondary**

Final Version

This course book lists course offerings. Student course selection does not guarantee that a course will be offered. Course offerings are dependent on enrollment. Please note that timetable conflicts may prevent a student from registering in a class that they have selected.

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# Introductions

## Administration

Jason Lauzon  
Persis Hui  
Adam Tuerlings

Principal  
Vice Principal  
Vice Principal

## Counsellors

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## Tupper's Neighbourhood

Sir Charles Tupper is centrally located in the city of Vancouver in a community referred to as Midtown. The campus includes two school buildings, two playing fields, a track, and tennis courts. The catchment area is roughly bordered by 33rd Avenue to the south, Broadway to the north, Main Street to the west and by Knight Street to the east. Please consult the Vancouver School Board website at:

[https://www.vsb.bc.ca/School/School-Registration/Your\\_School\\_Catchment/Pages/default.aspx](https://www.vsb.bc.ca/School/School-Registration/Your_School_Catchment/Pages/default.aspx)

for an accurate school catchment area map: Sir Charles Tupper Secondary School is a community of students drawn from a wide variety of cultural and socioeconomic backgrounds. Tupper students speak over 30 different languages in their homes and their abilities and aspirations are as varied as the individuals themselves. This provides a very diverse cultural environment that enriches the daily lives of staff and students.

## Tupper School Community

ROARS is the guiding principle at Tupper. Staff and students truly care for one another and are proud that Tupper is a welcoming, friendly, and safe school. Students show tremendous school spirit from the beginning of Grade 8 through to graduation. Graduates frequently return to Tupper to contribute to the school community. Our dedicated staff work hard to design and implement programs to ensure that students reach their academic and social potential. Tupper's school goals are focused on two main areas: First, enhancing our focus on our school culture to create more explicit ties to the Core Competencies, and second, awareness of Indigenous culture.

## Programs & Services

There are many programs at Tupper designed to individualize educational programs and maximize student success. District and Alternative Programs include Tupper Mini, Tupper Tech, Tupper Alternate Program, I-Lead, Tupper Literacy, Life Skills, and the Learning Support Program. In-school programs include: Work Experience, Apprenticeship, Youth Train in Trades - Cook, and ELL.

In addition, services to support student learning include: Counselling, School Librarian, School-Based Resource Teacher, Student Support Workers, members of our Community Schools Team (Coordinator, Youth and Family Worker, programmers, and Homework Club leader), Indigenous Education Enhancement Worker, School Liaison Officer, Multicultural Workers, Settlement Workers, and a Drug and Alcohol Counsellor.

## How to use this guide

This booklet has been prepared to give students and their parents/guardians an introduction to the courses available in a five-year program at Sir Charles Tupper Secondary School. The courses are organized by department and listed alphabetically by grade.

## Choosing courses

The course descriptions are general in nature and do not outline the entire content of each course. These descriptions are intended to guide both students and parents/guardians in making the most suitable choices for a complete high school program. Although every effort is made to keep the material up to date, some changes in course offerings and Ministry requirements do occur. **Please Note:** although courses may be offered, they may not run in a particular year if there is insufficient student interest during course selection.

Effective course planning requires interaction between student, parent/guardian, teacher and counsellor. Each student should make certain that short and long-term plans have been thoroughly discussed with the counsellor and with parents/guardians. Appropriate course selection and completion of graduation requirements is the responsibility of students and their parents/guardians.

## School-Based Scholarship

In order to qualify for school-based scholarships, students must be enrolled in a minimum of seven courses a Tupper. Online and Distance Education courses do not count.

For detailed information on available scholarships, how to apply, and deadlines for application, please refer to the student agenda book.

## Course Fees & Financial Assistance

Course fees are charged to students for field trips, workbooks that they will keep, and for upgraded materials used in projects. Access to programs will not be denied if these fees create a financial burden. Please contact the Principal if you require financial assistance.

# GRADUATION PROGRAM

Students should select eight courses per year.

REQUIRED COURSES				
COURSES	Grade 8	Grade 9	Grade 10	Grades 11/12
	Humanities 8 (English and Social Studies)	English 9	English 10	English 11 (Literary Studies 11 or New Media 11) <b>AND</b> English Studies 12
		Social Studies 9	Social Studies 10	Social Studies 11 Explorations
	Math 8	Math 9	a Math 10	a Math 11
	Science 8	Science 9	Science 10	a Science 11 (Environmental Science, Life Sciences, Chemistry, Physics, Science for Citizens 11)
	Physical and Health Education 8	Physical and Health Education 9	Physical Education 10	Career-Life Connections & Capstone
	French 8 or Skills 8	ELECTIVE	Career-Life Education	ELECTIVE
	Applied Design, Skills and Technologies Rotation	ELECTIVE	ELECTIVE	ELECTIVE
Fine Arts (Rotation or Band)	ELECTIVE	ELECTIVE	ELECTIVE	

Students may select electives from the following courses:

ELECTIVE COURSES		
<p style="text-align: center;"><b><u>ENGLISH</u></b></p> <p>Literary Studies 12 Writing 12</p> <p style="text-align: center;"><b><u>LANGUAGES</u></b></p> <p>French 9 - 12 Japanese 10 - 12 Spanish 10 - 12</p> <p style="text-align: center;"><b><u>MATHEMATICS</u></b></p> <p>Pre-Calculus 12 Calculus 12 Foundations of Math 12</p> <p style="text-align: center;"><b><u>P.E.</u></b></p> <p>P.E. and Active Living 11 &amp; 12 P.E. Leadership 11 &amp; 12</p> <p style="text-align: center;"><b><u>SCIENCE</u></b></p> <p>Environmental Science 11 Life Sciences 11 Science for Citizens 11 Chemistry 11 &amp; 12 Physics 11 &amp; 12 Anatomy and Physiology 12</p> <p style="text-align: center;"><b><u>SOCIAL STUDIES</u></b></p> <p>Economic Theory 12 Geography 12 History 12 Law 12 Social Justice 12</p> <p style="text-align: center;"><b><u>STUDENT SERVICES</u></b></p> <p>Library Services 11 &amp; 12 Link Leadership 11 &amp; 12 Skills Development 8 – 12 Work Experience 11/12</p>	<p style="text-align: center;"><b><u>FINE ARTS</u></b></p> <p style="text-align: center;"><b>ART</b></p> <p>Annual Production 10, 11, or 12 Art Studio 9, 10, 11, or 12 Ceramics 9, 10, 11 or 12 Film and Television 11 or 12 Graphic Arts 10 or 11/12 Photography 10 or 11/12 Studio Arts 2D 12: Drawing and Painting Studio Arts 3D 9/10, 11 or 12 Visual Arts 9</p> <p style="text-align: center;"><b>THEATRE</b></p> <p>Directing and Scriptwriting 11 or 12 Drama 9/10 Drama Leadership 11 or 12 Theatre Company 10, 11, or 12 Technical Theatre 10, 11 or 12</p> <p style="text-align: center;"><b>DANCE</b></p> <p>Dance 9 Dance Technique and Performance 10 or 11/12 Dance Company 10, 11 or 12 Dance Leadership 12</p> <p style="text-align: center;"><b>MUSIC</b></p> <p>Beginner Concert Band 8, 9, 10, 11 or 12 Intermediate Concert Band 8, 9, 10, 11 or 12 Advanced Concert Band 9, 10, 11 or 12 (Off timetable) Jazz Band 8,9, 10, 11 or 12 (Off timetable) Concert Choir 8, 9, 10, 11 or 12 (Off timetable) Guitar 9, 10, 11 or 12</p> <p style="text-align: center;"><b><u>LANGUAGES AND LEARNING SUPPORT</u></b></p> <p>French 10 [or 11-12] Japanese 10 [or 11-12] Spanish 10 [or 11-12] Learning Support 10 (formerly Skills Development)</p>	<p style="text-align: center;"><b><u>APPLIED DESIGN, SKILLS AND TECHNOLOGIES</u></b></p> <p>Accounting 11/12 Computer Programming 11/12 Computer Studies 10 Culinary Arts 11/12 Food Studies 10/11/12 Drafting CAD/CAM 10 Entrepreneurship 12 Entrepreneurship &amp; Marketing 10 Food Studies 10, 11, 12 Interpersonal and Family Relationships 11 Marketing and Promotions 11 Psychology 11 Youth Explore Trades Skills 10/11/12 Textiles 10/11/12 Woodworking 10/11/12</p> <p style="text-align: center;"><b><u>APPLIED DESIGN, SKILLS AND TECHNOLOGIES PROGRAMS</u></b></p> <p style="text-align: center;"><a href="#"><u>Tupper Tech</u></a> <a href="#"><u>Youth Train in Trades Cook</u></a></p>

# GRADUATION REQUIREMENTS

At this time, students must meet the following course/credit criteria in order to obtain a Dogwood Diploma. Changes to the current graduation program are in draft form and may be implemented in the coming year. For the most current information, please refer to the Ministry website at <https://curriculum.gov.bc.ca/>

	<b>REQUIRED COURSES</b>	<b>Credits</b>
1	English 10	4
2	<b>ONE OF:</b> Literary Studies 11 or New Media 11	4
3	<b>ONE OF:</b> English Studies 12	4
4	Social Studies 10	4
5	<b>ONE OF:</b> Social Studies 11 or 12	4
6	<b>ONE OF:</b> Foundations of Math & Pre-Calculus 10 or Workplace Math 10	4
7	<b>ONE OF:</b> Foundations of Math 11, Pre-Calculus 11 or Workplace Math 11	4
8	Physical Education 10	4
9	Career Life Education	4
10	Career Life Connections + Capstone	4
11	Science 10	4
12	<b>ONE OF:</b> Physics 11/12; Life Sciences 11/Anatomy and Physiology 12; Chemistry 11/12; Science for Citizens 11, Environmental Science 11	4
13	<b>ONE OF</b> Fine Arts 10, 11 or 12 or Applied Design, Skills & Technologies 10, 11 or 12	4
<b>ELECTIVE CREDITS</b>		
	Students must earn at least 28 elective credits. These credits can be for: Additional Grade 10, 11 or 12 Ministry Authorized Courses (including Independent Direct Studies) External Credentials Board Authority Authorized courses Post-secondary credits Note: Some External Credentials serve as Required Courses.	28
<b>GRADUATION ASSESSMENTS</b>		
	Students must also complete provincial assessments in areas of Numeracy and Literacy (these assessments are requirements for graduation)	
	<b>TOTAL CREDITS REQUIRED</b>	80
Of the 80 credits needed for graduation, at least 16 credits must be at the Grade 12 level, 4 of which must be English 12 or Communications 12. The other Grade 12 credits may come from required courses or elective courses. Please note that post-secondary institutions often require you to complete specific courses.		

## Graduation Program Details

To graduate, you will require 80 credits total – with a minimum of 16 at the Grade 12 level, and 28 elective course credits. 52 credits are required from the following:

- Two Career Education courses (8 credits total)
  - Career Life Exploration
  - Career Life Connections and Capstone
- Physical and Health Education 10 (4 credits)
- Science 10 (4 credits), and a Science 11 or 12 (4 credits)
- Social Studies 10 (4 credits), and a Social Studies 11 or 12 (4 credits)
- A Math 10 (4 credits), and a Math 11 or 12 (4 credits)
- A Language Arts 10, 11 & 12 (12 credits)
- An Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits)
  
- In addition, must also complete the two new Graduation Assessments: Numeracy Assessment
- Literacy Assessment
  - The Literacy Assessment will be introduced in January 2020 for students in grade 10, who will also write a Literacy Assessment in grade 12. Students entering grade 12 in 2020/21 will need to write a Literacy Assessment in their grade 12 year.

NOTE: The Social Studies 11/12 graduation requirement is flexible; any of the current Ministry Social Studies 11 or 12 courses will meet the requirement.

- Social Studies 11
- Civic Studies 11
- BC First Nations Studies 12
- Comparative Civilizations 12
- Geography 12
- History 12
- Law 12
- Social Justice 12
- Economic Theory 12

### Grade 8 Electives

Most grade 8 students take two rotations of elective courses: Applied Design Skills and Technologies 8 and Fine Arts 8. They are designed to provide a range of experiences in different areas so students can make informed decisions when choosing elective courses in later years. The Applied Design Skills and Technology curriculum may consist of: Home Economics, Technology Education, and/or Business Education. The Fine Arts curriculum consists of Art, Drama, and Dance. Students can take either full year Beginner or Intermediate Band in place of the Fine Arts Rotation.

### Grades 9 to 12 Electives

Grade 9 and 10 students take junior level courses designed to provide the necessary background knowledge and skills to take senior courses in areas of particular interest. Grade 11 and 12 elective courses prepare students for work, college, apprenticeship and technical training, and university.

### Independent Directed Studies (IDS)

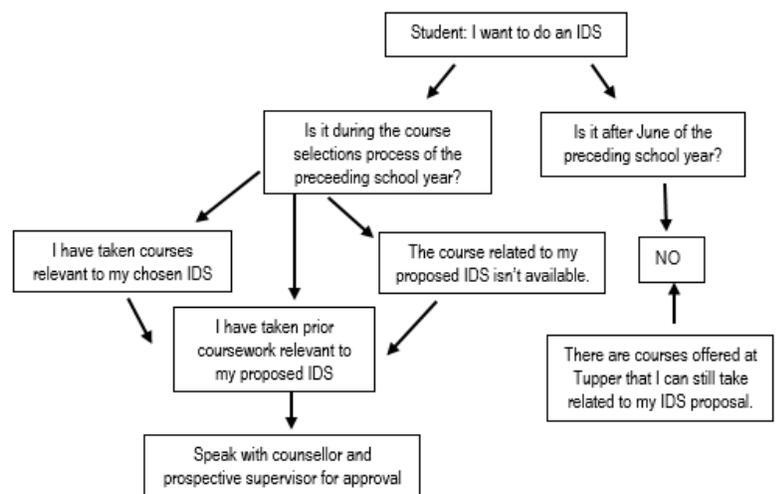
Independent Directed Studies are for students who can show foundational coursework in their area of interest and should only be considered by students that have taken all possible coursework in the related program. IDS is a means to continue to pursue studies in a particular discipline when there is no related foundational coursework offered at the school. **IDS courses are not Ministry funded and are run in addition to a teacher's course load and are therefore approved at the discretion of the teacher.**

**The following criteria must be met for an IDS course to be considered:**

- There is no other course offering in the next school year that would fulfill their area of interest.
- Student must express intention first with their Counsellor and see prospective IDS Supervisor during course planning (January/February). Students who do not follow-through on this are not eligible for IDS.
- Before June of the preceding school year, the student must complete and formalize the IDS proposal. This document should include:
  - Rationale and outline for applying for IDS
  - Schedule, including check-point meetings with Supervisor (possibly six, including mid-term and end-term)
  - Content by term, with as much detail as possible, and opportunities for showcasing work
  - Assessment tools, created by student in consultation with a teacher
  - Teacher instruction, where necessary
  - Space for five signatures: Student, Parent/guardian, Teacher, Counsellor, Principal
  - A final copy distributed to all persons involved, and stored officially in the student file with the Counsellor

IDS is a 4-credit course and as such there is the expectation of rigor. The content and the scope of the course is developed by the student in *consultation* with the IDS supervisor

### Study Blocks



## CORE STUDIES (required for Graduation)

### ENGLISH

<b>Course Name</b>	English Language Arts 8	<b>Grade Level(s)</b>	8
<b>Course Code</b>	MEN- -08	<b>Recommended Prerequisite Course(s)</b>	Grade 7 Language Arts
<b>Course Description &amp; Content</b>	<p>Students will learn to comprehend, connect, create, and communicate in a variety of ways:</p> <ul style="list-style-type: none"> <li>• Reading: exploration of a variety of texts for analysis and enjoyment.</li> <li>• Writing: emphasis is on paragraph writing and narrative essays.</li> <li>• Oral Learning: both informal discussion and formal presentations.</li> <li>• Project-based Learning: a method of increasing student engagement, creativity, and critical thinking.</li> </ul> <p>Their learning will be assessed on the proficiency scale under the following categories: Extending (A), Applying (B), Developing (C/C+) and Beginning (C-). For more detailed information, go to the following link: <a href="https://curriculum.gov.bc.ca/curriculum/english-language-arts/8">https://curriculum.gov.bc.ca/curriculum/english-language-arts/8</a></p>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• Optional field trips arise throughout the year, costing between \$15-\$25.</li> <li>• Optional grammar book (Language Power, Book G) is \$15.</li> </ul>		

<b>Course Name</b>	English Language Arts 9	<b>Grade Level(s)</b>	9
<b>Course Code</b>	MEN- -09	<b>Recommended Prerequisite Course(s)</b>	English 8
<b>Course Description &amp; Content</b>	<p>Students will learn to comprehend, connect, create, and communicate in a variety of ways:</p> <ul style="list-style-type: none"> <li>• Reading: exploration of a variety of texts for analysis and enjoyment.</li> <li>• Writing: emphasis is on paragraph writing and narrative essays.</li> <li>• Oral Learning: both informal discussion and formal presentations.</li> <li>• Project-based Learning: a method of increasing student engagement, creativity and critical thinking.</li> </ul> <p>Their learning will be assessed on the proficiency scale under the following categories: Extending (A), Applying (B), Developing (C/C+) and Beginning (C-). For more detailed information, go to the following link: <a href="https://curriculum.gov.bc.ca/curriculum/english-language-arts/9">https://curriculum.gov.bc.ca/curriculum/english-language-arts/9</a></p>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• Optional field trips arise throughout the year, costing between \$15-\$25.</li> <li>• Optional grammar book (Language Power, Book G) is \$15.</li> </ul>		

<b>Course Name</b>	English 10	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MCMP10 MLTST10	<b>Recommended Prerequisite Course(s)</b>	English 9
<b>Course Description &amp; Content</b>	<p>Students will learn to comprehend, connect, create, and communicate in a variety of ways:</p> <ul style="list-style-type: none"> <li>• Reading: exploration of a variety of genres of literature for analysis and enjoyment.</li> <li>• Writing: emphasis is on essay writing (short, long, narrative, and synthesis essays).</li> <li>• Oral Learning: both informal discussion and formal presentations.</li> <li>• Project-based Learning: a method of increasing student engagement, creativity and critical thinking.</li> </ul> <p>These 2-credit course modules will be offered concurrently (in the same block taught by the same teacher) for a total of 4 credits. Go to the following links for more information on the two modules: Literary Studies 10: <a href="https://curriculum.gov.bc.ca/curriculum/english-language-arts/10/literary-studies">https://curriculum.gov.bc.ca/curriculum/english-language-arts/10/literary-studies</a> Composition 10: <a href="https://curriculum.gov.bc.ca/curriculum/english-language-arts/10/composition">https://curriculum.gov.bc.ca/curriculum/english-language-arts/10/composition</a></p>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• Optional field trips arise throughout the year, costing between \$15-\$25.</li> <li>• Optional grammar book (Language Power, Book G) is \$15.</li> </ul>		

<b>Course Name</b>	Literary Studies 11 (formerly English 11)	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MLTST11	<b>Recommended Prerequisite Course(s)</b>	English 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• Literary Studies 11 is a 4-credit academic course designed for students to delve more deeply into literature.</li> <li>• Areas of study will include fiction, poetry, drama, non-fiction, oral language, essay writing, and project-based learning.</li> <li>• This fulfills requirements for Grade 11 English Language Arts. Go to the following link for the most up to date information: <a href="https://curriculum.gov.bc.ca/curriculum/english-language-arts/11/literary-studies">https://curriculum.gov.bc.ca/curriculum/english-language-arts/11/literary-studies</a></li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• Optional field trips could arise throughout the year, costing between \$15-\$25.</li> </ul>		

<b>Course Name</b>	New Media 11	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MNMD-11	<b>Recommended Prerequisite Course(s)</b>	English 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>New Media 11 is a 4-credit academic course designed for students who are interested in examining the impact of current forms of communication in a rapidly changing world.</li> <li>Possible areas of focus are digital media, fiction, poetry, drama, script writing, creative non-fiction, memoir, essay writing, and oral language.</li> <li>This fulfills requirements for Grade 11 English Language Arts. Go to the following link for the most up to date information: <a href="https://curriculum.gov.bc.ca/curriculum/english-language-arts/11/new-media">https://curriculum.gov.bc.ca/curriculum/english-language-arts/11/new-media</a></li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Optional field trips arise throughout the year, costing between \$15-\$25.</li> </ul>		

<b>Course Name</b>	Creative Writing 12 (formerly called Writing 12)	<b>Grade Level(s)</b>	11 or 12
<b>Course Code</b>	MCTWR12	<b>Recommended Prerequisite Course(s)</b>	(Mini) English 10 or (Mini) English 11
<b>Course Description &amp; Content</b>	<p>Creative Writing 12 is a 4-credit, project-based course designed for students who want to write for self-expression and for enjoyment.</p> <ul style="list-style-type: none"> <li>Possible areas of focus include the following: poetry, memoir, micro-fiction, longer fiction, song lyrics, children's literature, scriptwriting, and mixed media.</li> <li>Students can expect to write in a supportive and inclusive environment, one that encourages risk-taking and creativity.</li> <li>This is an elective course open to Grade 11's and 12's and does not replace Literary Studies 11, New Media 11, or English Studies 12.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Optional field trips could arise throughout the year, costing between \$15-\$25.</li> <li>Go to the following link for the most up to date information: <a href="https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/pdf/10-12/english-language-arts/en_ela_11_nwm.pdf">https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/pdf/10-12/english-language-arts/en_ela_11_nwm.pdf</a></li> </ul>		

<b>Course Name</b>	English Studies 12 (formerly English 12)	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MENST12	<b>Recommended Prerequisite Course(s)</b>	New Media 11/Literature Studies 11
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>English Studies 12 is a 4-credit academic course designed for students to delve more deeply into literature and academic writing.</li> <li>Areas of focus will include fiction, poetry, drama, non-fiction, oral language, essay writing, and project-based learning.</li> <li>This course is necessary to graduate. Go to the following link for the most up to date information: <a href="https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/curriculum/english-language-arts/en_english-language-arts_12_english-studies_elab.pdf">https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/curriculum/english-language-arts/en_english-language-arts_12_english-studies_elab.pdf</a></li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Optional field trips could arise throughout the year, costing between \$15-\$25.</li> </ul>		

<b>Course Name</b>	Literary Studies 12	<b>Grade Level(s)</b>	12 (11 with special permission)
<b>Course Code</b>	MLTST12	<b>Recommended Prerequisite Course(s)</b>	<ul style="list-style-type: none"> <li>Literary Studies 11</li> <li>Students need to also be taking English 12</li> <li>This is an elective course and does NOT replace English 12</li> </ul>
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Great course for students who love English class and enjoy reading and writing</li> <li>This class: <ul style="list-style-type: none"> <li>Explores English literature from its beginnings to modern times</li> <li>Exposes students to multiple types of literature that they would not experience in their English 12 class</li> <li>Exposes students to the major movements and ideas of literature since the Middle Ages</li> <li>Is an excellent introduction to the demands and requirements of a post-secondary Arts course</li> <li>Is an excellent way to extend academic reading, writing, and discussion skills</li> </ul> </li> <li>Provides excellent moments to discuss with fellow students who enjoy the written word</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Students usually attend at least one local production of a classic play</li> <li>Perfect course for someone who loves reading and the world of ideas</li> <li>Go to the following link for the most up to date information: <a href="https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/curriculum/english-language-arts/en_english-language-arts_12_literary-studies_elab.pdf">https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/curriculum/english-language-arts/en_english-language-arts_12_literary-studies_elab.pdf</a></li> </ul>		

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# ENGLISH LANGUAGE LEARNER (ELL)

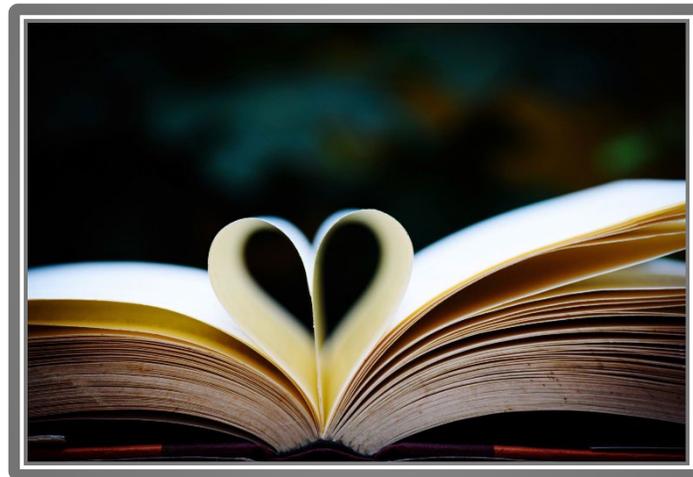
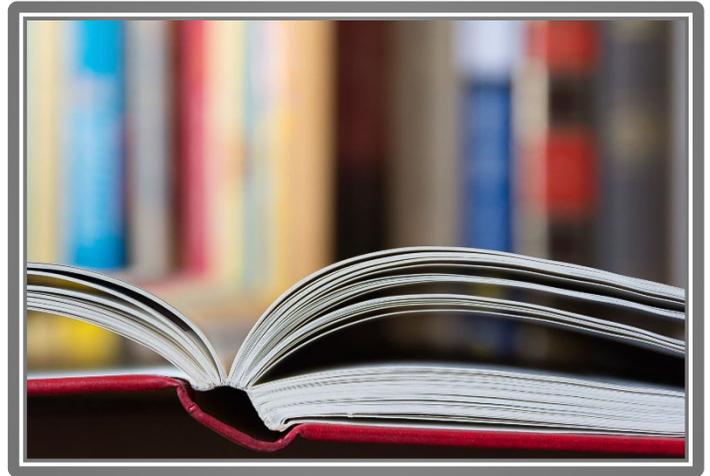
<b>Course Name</b>	<b>Beginner Level</b> up to 5 ELL Level 1 and 2 classes: English, Writing, Social Studies, Science, and Math (if needed)	<b>Grade Level(s)</b>	8 to 12
<b>Course Code</b>	XLDCE10MA1 XLDCE10EN1    XLDCE10SS1 XLDCE10WR1    XLDCE10SC1		
<b>Recommended Prerequisite Course(s)</b>	No prerequisite courses needed. Referral from previous elementary or secondary school or from NWC. A full English assessment which includes reading, writing, speaking and listening is needed.		
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• Work in class and on contact assignments to build basic speaking and listening skills and an introduction to Canadian culture</li> <li>• Fundamental Reading and Writing skills learned and built on to approximately grade level 3.5 reading and MOE Level 2</li> <li>• Content language vocabulary built on a course-by-course basis for initial communications in English and an introduction to academic subjects</li> </ul>		

<b>Course Name</b>	<b>Junior Intermediate Level</b> 3 ELL Level 3 classes: English, Writing, and Social Studies	<b>Grade Level(s)</b>	8 to 10
<b>Course Code</b>	XLDCE09EN3 XLDCE09WR3 XLDCE09SS3	<b>Recommended Prerequisite Course(s)</b>	No prerequisite courses needed. Referral from previous elementary or secondary school or from the Newcomers Welcome Centre (NWC) or promotion by the school ELL team.
<b>Recommended Prerequisite Course(s) cont'd</b>	A full English assessment which includes reading, writing, speaking and listening is needed. Satisfactory demonstration of Reading between Grade Equivalent 2.5 to 5.0, MOE writing, speaking and listening at level 2 or 3		
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• Building on previously learned basic functional language to more academically focused language for reading, writing, speaking and listening Extending beyond literal reading and writing to explore and develop understanding and use of figurative language. Reading and Writing skills developed from a grade equivalent of 3.5 to 5.0 grade level reading and MOE Writing Level 3. Writing from paragraph level to introductory essays. Content language vocabulary built on a course-by-course basis for communicating academically in English.</li> </ul>		

<b>Course Name</b>	<b>Senior Intermediate Level</b> 3 ELL Level 3 classes: English, English Language Development, and Social Studies	<b>Grade Level(s)</b>	10 to 12
<b>Course Code</b>	XLDCE10EN3 YESFL0B XLDCE10SS3		
<b>Recommended Prerequisite Course(s)</b>	No prerequisite courses needed. Referral from previous elementary or secondary school or from NWC or promotion from the school ELL team. A full English assessment which includes reading, writing, speaking and listening is needed. Satisfactory demonstration the of Reading Grade Equivalent 5.0 or better, MOE writing, speaking and listening at level 4 or better		
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• Building on previously learned basic functional language to more academically focused language for reading, writing, speaking and listening Extending beyond literal reading and writing to explore and develop understanding and use of figurative language. Reading and Writing skills developed from a grade equivalent of 3.5 to 5.0 grade level reading and MOE Writing Level 3. Writing from paragraph level to introductory essays. Content language vocabulary built on a course-by-course basis for communicating academically in English.</li> </ul>		

<b>Course Name</b>	<b>Advanced Level</b> Up to three classes (Transitional English, Transitional Social Studies and Academic Strategies), and English Language Development	<b>Grade Level(s)</b>	8 to 12
<b>Course Code</b>	XLDCE10ENT XLDCE10SST YESFL0A		
<b>Recommended Prerequisite Course(s)</b>	No prerequisite courses needed. Referral from previous elementary or secondary school or from NWC or promotion from the school ELL team. A full English assessment which includes reading, writing, speaking and listening is needed. Satisfactory demonstration the of Reading Grade Equivalent 5.0 or better, MOE writing, speaking and listening at level 4 or better		
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• Course content parallel to English Language Arts 10 and Social Studies 10. Successful candidates may receive credit for Social Studies 10 (4 cred.) and English 10, (2 credits Focused Literary Studies and 2 credits Composition 10.)</li> <li>• Further development of reading skills for academic purposes, including figurative, critical, and analytical reading.</li> <li>• Writing in a variety of genres at the multi-paragraph essay level</li> </ul>		

<b>Course Name</b>	<b>ELC Support</b> English Language Center	<b>Grade Level(s)</b>	10 to 12
<b>Course Code</b>	YESFL1B		
<b>Recommended Prerequisite Course(s)</b>	Successful completion of Transitional English		
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"><li>• Academic writing support for English Language Learners who are taking grade 11 and/or grade 12 academic courses</li></ul>		



# MATHEMATICS

## Mathematics at Tupper

**Calculus 12**

- For students who have completed (or are currently taking) Pre-Calculus 12
- Topics include: overview and history of calculus, functions, graphs and limits, the derivative, application of derivatives, anti-derivatives and applications of anti-differentiation

B or higher

**Pre-Calculus 12**

- For students who have a strong interest or ability in mathematics.
- Topics include all concepts learned from Mathematics 8 to Pre-Calculus 11 and focuses on the areas of trigonometry, relations and functions, logarithms, sequences, and conics.

B or higher

**Foundations of Math 12**

- Students will study problem solving of real-life, practical, technical, and theoretical problems through hands on activities and projects.
- Topics include: finance, logic, relations and functions, and probability

C or higher

\*\* Pass = BC high school graduation requirements for mathematics met \*\*

**Pre-Calculus 11**

- For college or university bound students who do require a background in calculus. UBC does accept this as a mathematics 11 course entrance requirement, but requires a B or higher standing
- Typical post-secondary studies: mathematics, engineering, sciences...
- Can think abstractly
- Good work habits

B or higher

**Foundations of Math 11**

- For college or university bound students who do not require a background in calculus. UBC does not accept this as a mathematics 11 course entrance requirement
- Typical post-secondary studies: liberal arts, business management, nursing, psychology, law...

C or higher

**Workplace Math 11**

- For students who require mathematical understandings and critical-thinking skills identified for entry into the majority of trades, via a technical college or a trade school, and for direct entry into the workforce.
- Topics studied include measurement, financial concepts, statistics, geometry, and trigonometry.

Pass

\* Students may start writing the numeracy test required for graduation \*

**Foundations of Math & Pre-Calculus 10**

- \* A challenging course that may require up to 5 hours of homework per week
- \* Topics include: sequences, trigonometry, algebra, functions and relations.

C- or higher

**Workplace Math 10**

- For students who require mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force.
- Topics include: personal finance, measurement, statistics, and workplace trigonometry.

Pass

Pass

Math 9

Pass

**TAP Math 8**  
Teacher recommendation

**Math 8**

All math courses include topics on finance, logic, data analysis and problem solving. Each math course will include a final exam (with percentages dependent on the grade level). In addition, most final exams will consist of a non-calculator section and a calculator permitted section.

<b>Course Name</b>	Mathematics 8	<b>Grade Level(s)</b>	8
<b>Course Code</b>	MMA- - 08	<b>Recommended Prerequisite Course(s)</b>	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• This is a course in basic mathematical principles designed to help the students understand the structure of arithmetic. It also introduces algebra and geometry. Evaluation is based on effort, work habits, assignments, tests, and a final exam.</li> </ul>		

<b>Course Name</b>	Mathematics 9	<b>Grade Level(s)</b>	9
<b>Course Code</b>	MMA- - 09	<b>Recommended Prerequisite Course(s)</b>	Math 8
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• This first course in algebra introduces expressions, equations, and graphing on the coordinate plane. Topics include algebra, exponents, polynomials, geometry, problem solving, measurement formulas and probability. Evaluation is based on effort, work habits, assignments, tests, and a final exam.</li> </ul>		

<b>Course Name</b>	Workplace Mathematics 10	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MWPM-10	<b>Recommended Prerequisite Course(s)</b>	Math 9 with a
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• This pathway is designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include personal finance, measurement, probability and statistics and workplace trigonometry. Evaluation is based on projects, assignments, and tests. The final exam is worth 20% of the overall grade.</li> </ul>		
<b>Additional Information</b>			

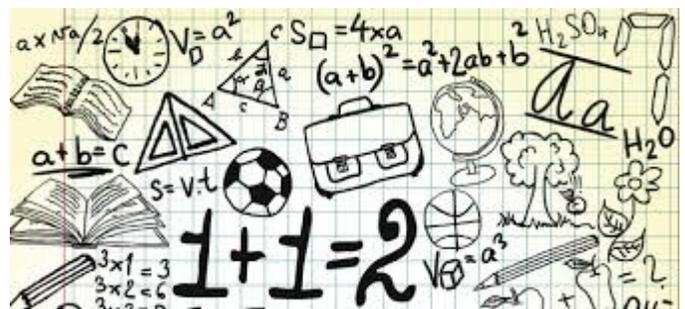
<b>Course Name</b>	Foundations of Mathematics and Pre-Calculus 10 (FMP10)	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MFMP-10	<b>Recommended Prerequisite Course(s)</b>	Math 9 with an average grade of 67%
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course is a continuation of the concepts of Mathematics 9 and includes measurement, trigonometry, algebra, functions and relations. Evaluation is based on projects, assignments, and tests. The final exam is worth 20% of the overall grade. This is a challenging course that may require up to 5 hours of homework per week.</li> </ul>		
<b>Additional Information</b>			

<b>Course Name</b>	Foundations of Mathematics 11 (FOM-11)	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MFOM-11	<b>Recommended Prerequisite Course(s)</b>	FMP-10 with average grade above 60%.
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus.</li> <li>Typically, a FOM11 student would be planning to enter a college or university in a social sciences, humanities, or fine arts program.</li> <li>Topics studied include logic, geometry proofs, systems of linear inequalities used in business applications, trigonometry, quadratic functions, and statistics.</li> <li>Evaluation is based on projects, assignments and tests. The final exam is worth 20% of the overall grade.</li> </ul>		
<b>Additional Information</b>	<p>Though there is some overlap between this course and Pre-Calculus 11, students may wish to take both courses while others might use FOM11 as a bridging year to Pre-Calculus 11.</p> <p>Successful completion of the course fulfils the mathematics graduation requirement.</p> <p>The government numeracy examination may occur during this course.</p>		

<b>Course Name</b>	Foundations of Mathematics 12 (FOM-12)	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MFOM-12	<b>Recommended Prerequisite Course(s)</b>	FOM-11, PREC-11
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students will study problem solving of real-life, practical, technical, and theoretical problems through hands on activities and projects. This course will include topics such as finance, logics, relations and functions, and probability. Evaluation is based on projects, assignments, and tests. The final exam is worth 25% of the overall grade. This is a challenging course that may require up to 5 hours of homework per week.</li> </ul>		
<b>Additional Information</b>			

<b>Course Name</b>	Workplace Mathematics 11	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MWPM-11	<b>Recommended Prerequisite Course(s)</b>	FMP-10 with average grade of at least 50% or placement by math teacher
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades, via a technical college or a trade school, and for direct entry into the workforce. Topics studied include measurement, financial concepts, geometry, statistics, and trigonometry. Evaluation is based on projects, assignments, and tests. The final exam is worth 20% of the overall grade.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Successful completion of the course fulfils the mathematics graduation requirement.</li> </ul>		

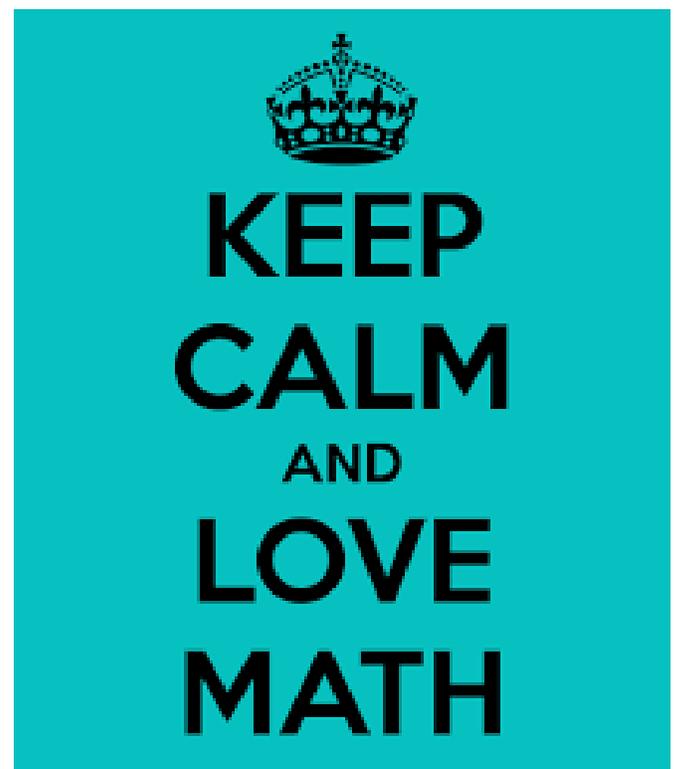
<b>Course Name</b>	Pre-Calculus 11 (PREC-11)	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MPREC11	<b>Recommended Prerequisite Course(s)</b>	FMP-10 with above a 73% grade.
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary studies in programs that require the study of theoretical calculus.</li> <li>Typically, a student would be planning to enter a college or university in a mathematics, science, engineering, medicine, or commerce program. The main areas of study are mathematical functions, finances, and trigonometry.</li> <li>Though there is some overlap between this course and Foundations of Math 11, some students may wish to take both courses. Evaluation is based on projects, assignments, and tests. The final exam is worth 25% of the overall mark. This is a challenging course that may require up to 5 hours of homework per week.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Successful completion of the course fulfils the mathematics graduation requirement.</li> </ul>		



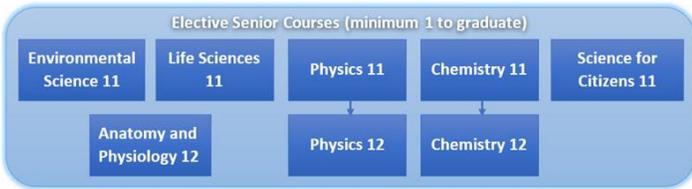
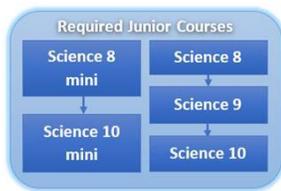
<b>Course Name</b>	Pre-Calculus 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MPREC12	<b>Recommended Prerequisite Course(s)</b>	PREC-11 with above a 73% grade.
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Pre-Calculus 12 is a challenging course designed for students who have a strong interest or ability in mathematics. This course requires the concepts learned in Mathematics 8 to Pre-Calculus 11 and focuses on the areas of trigonometry, polynomial functions, rational functions, logarithms, sequences and conics. Evaluation is based on projects, assignments and tests. The final exam is worth 25% of the overall grade. This is a challenging course that may require up to 5 hours of homework per week.</li> </ul>		
<b>Additional Information</b>			

<b>Course Name</b>	Calculus 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MCALC12	<b>Recommended Prerequisite Course(s)</b>	80% in PREC-11 and PREC-12
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Calculus 12 is intended for students who have completed (or are currently taking) Pre-Calculus 12. Topics in Calculus 12 include: Overview of Calculus, Functions, Graphs and Limits, the Derivative, Application of Derivatives, Anti-derivatives and Application of Anti-differentiation. Evaluation is based on projects, assignments, and tests. The final exam is worth 25% of the overall grade. This is a challenging course that may require up to 5 hours of homework per week.</li> </ul>		
<b>Additional Information</b>			

<b>Course Name</b>	Computer Science 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MMACS12	<b>Recommended Prerequisite Course(s)</b>	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students create web apps and explore programming concepts using languages such as JavaScript, Java, or Python</li> <li>Students analyze the efficiency of data structures and algorithms and are introduced to the mathematical foundations of computer science</li> <li>Hands-on projects allow students to express themselves creatively and practice computational thinking skills.</li> <li>Learning to code offer students an ever-increasing range of academic and career opportunities.</li> </ul>		
<b>Additional Information</b>			



# SCIENCE



<b>Course Name</b>	Science 8	<b>Grade Level(s)</b>	8
<b>Course Code</b>	MSC- -08	<b>Recommended Prerequisite Course(s)</b>	Completion of grade 7 science
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>A general science course that includes topics from Life Science (cells &amp; disease), Physics (waves &amp; optics), Chemistry (kinetic molecular theory &amp; atomic models), and Earth Science (plate tectonics).</li> <li>Emphasis on developing skills needed for scientific inquiry: lab safety, proper handling of scientific tools and specimens, proficient use of the scientific method</li> <li>A major component of course evaluation is Science Fair. All students are expected to complete a Science Fair project or an equivalent inquiry project assigned by the teacher.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>\$12 workbook fee</li> <li>\$20 fieldtrip fee (Science World)</li> </ul>		

<b>Course Name</b>	Science 9	<b>Grade Level(s)</b>	9
<b>Course Code</b>	MSC- -09	<b>Recommended Prerequisite Course(s)</b>	Science 8
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Builds on knowledge students gained in Science 8</li> <li>Topics covered include: Cells and Reproduction, Elements and Basic Chemistry, Electricity and Circuits, Ecosystems, Nutrient Cycles and Interconnectedness</li> <li>Evaluation is based on tests, quizzes, homework, safe lab practices, lab experiments, proficient use of the scientific method, science fair work habits and projects.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>\$12 workbook fee</li> <li>Science Fair is mandatory</li> </ul>		

<b>Course Name</b>	Science 10	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MSC-10	<b>Recommended Prerequisite Course(s)</b>	Science 9
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Science 10 completes a series of introductory sciences started in grades 8 &amp; 9 sciences.</li> <li>Topics covered are: Chemical reactions and equations, Physical Science of energy conservation and transformations and how this can affect living things and the environment, Life Sciences of genes as the foundation for the diversity of living things, and Astronomy regarding how the formation of the universe can be explained by the big bang theory.</li> <li>Evaluation is based upon the proficient use of scientific method in projects, laboratory experiments and reports, homework, quizzes and tests.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Workbook used requires a \$12.00 deposit.</li> <li>A fieldtrip is offered for this course, \$20 cost</li> <li>Starlab dome for astronomy, \$5 cost.</li> </ul>		

<b>Course Name</b>	Environmental Science 11	<b>Grade Level(s)</b>	10,11, 12
<b>Course Code</b>	MEVSC11	<b>Recommended Prerequisite Course(s)</b>	Science 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>In this course, students will: better understand the science behind climate change, develop climate leadership and communication skills, participate in restoration and stewardship projects and events, co-operatively design sustainability projects with local and/or global connections, conduct environmental assessments, and explore the diversity of dynamic ecosystems.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Outdoor and off-site field trips</li> </ul>		

<b>Course Name</b>	Life Sciences 11	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MLFSC11	<b>Recommended Prerequisite Course(s)</b>	Science 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course is designed around three major themes: Unity and diversity, Microbiology and Classification Taxonomy.</li> <li>Life Sciences 11 is an introductory course that touches on six topics: adaptation and evolution, microbiology, mycology, plant biology, animal biology.</li> <li>The course involves a combination of projects, class work, laboratory experiments including dissections and microscope work.</li> <li>There are usually many small quizzes, three large unit tests, and a final exam</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Biology is a prerequisite of many university and life science diploma programs.</li> <li>Life Sciences 11 usually includes two outdoor field studies, and a program at the aquarium to compare vertebrate and invertebrate physiology.</li> <li>\$25 Fieldtrip fee</li> </ul>		

<b>Course Name</b>	Physics 11		<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MPH- -11	<b>Recommended Prerequisite Course(s)</b>	Science 10, Math 10	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course is an introduction to the principles of physics. Our goal will be to model different physical phenomena, while having a bit of fun through projects and activities.</li> <li>The Big Ideas covered are: <ul style="list-style-type: none"> <li>Motion can be predicted, analyzed, and described. (Kinematics)</li> <li>Forces influence the motion of an object. (Dynamics)</li> <li>Energy is found in different forms, is conserved, and can do work. (Energy and Circuits)</li> <li>Waves transfer energy but not matter. (Waves, Sound, Light)</li> </ul> </li> <li>Projects include rocket cars and catapults</li> <li>Strongly recommended for students interested in STEM after high school.</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Physics usually ends with a trip to Playland to analyze forces, energy, and motion (\$20)</li> </ul>			

<b>Course Name</b>	Chemistry 11		<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MCH- -11	<b>Recommended Prerequisite Course(s)</b>	Pre-Calculus 10 and Science 10 (minimum mark of C+ in both courses)	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>A great introductory course for students wanting to expand on the basic chemistry concepts taught in Science 9 &amp; 10 and gain more lab experience.</li> <li>The course curriculum is divided between learning quantitative skills (significant figures, graphing, mole calculations, stoichiometry, molarity) and descriptive content (nature of matter, atomic theory, solution chemistry, organic chemistry).</li> <li>Students should be prepared to write lab reports and do calculations as part of regular coursework.</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>\$25 workbook fee</li> </ul>			

<b>Course Name</b>	Science for Citizens 11		<b>Grade Level(s)</b>	11,12
<b>Course Code</b>	MSCCT11	<b>Recommended Prerequisite Course(s)</b>	Science 10	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Science for Citizens 11 is a course intended for students who are not pursuing science in the post- secondary level.</li> <li>Emphasis will be placed on interaction and participation in class activities.</li> <li>The goals of Science for Citizens 11 are to develop and appreciate the interactive nature of science and society regarding forensic science, identify and understand the interaction of the environment and society regarding natural hazards and climate change, learn about the applications of science in the workplace and its beneficial innovations, and make evidence base decisions on personal and public health practices for personal safety and workplace safety.</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Science for Citizens 11 requires full participation of students when involved in scheduled fieldtrips and guest speakers.</li> <li>Fieldtrip fee \$20 cost</li> </ul>			

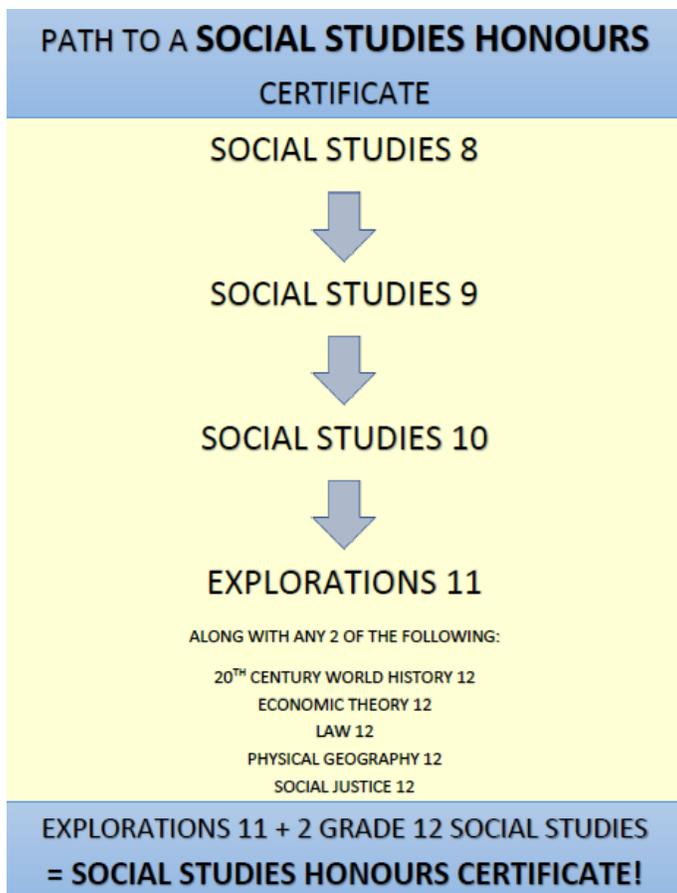
<b>Course Name</b>	Anatomy and Physiology 12		<b>Grade Level(s)</b>	11, 12
<b>Course Code</b>	MATPH12	<b>Recommended Prerequisite Course(s)</b>	Science 10 (C+) and Chemistry 11	
<b>Course Description &amp; Content</b>	<p>Biology 12 at Charles Tupper Secondary is a course designed to cover cell structure and biochemistry, and human anatomy and physiology. In this course, life is first examined at the molecular and chemical level. Thus, students interested in this course will benefit from taking Chemistry 11 prior to taking this course. The human anatomy and physiology sections include body systems such as digestion, respiration, excretion, and reproduction. There will be an emphasis on the understanding of how these systems work, rather than simply memorizing information and facts, though there will be sections that memorization will be required, such as the learning of biochemical reaction pathways. Please be aware that Biology 12 is a fast-paced lecture course recommended for the self-motivated, above average student that can commit to attending lessons regularly and that are interested in a Health Science related career. Those contemplating taking the course should keep in mind that there will be a number of animal dissections during the year and a major dissection at the close of the course. These are graded assessment pieces, and to the best of their ability, students are expected to participate in them. Students should have achieved at least a C+ level in Science 10 and, preferably, have already passed Chemistry 11.</p>			

<b>Course Name</b>	Chemistry 12		<b>Grade Level(s)</b>	12
<b>Course Code</b>	MCH- -12	<b>Recommended Prerequisite Course(s)</b>	Chemistry 11 & Pre-calculus 11 (minimum mark of C+ in both courses) ***see additional info below*** Students should also be registered in Pre-calculus 12 as a co-requisite.	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• Topics covered include reaction kinetics, dynamic equilibrium, solubility equilibria, acid-base equilibria, and electrochemistry.</li> <li>• All units include quantitative problem solving and laboratory work. Students should be comfortable with drawing graphs, doing algebra, and writing paragraph answers.</li> <li>• A great opportunity for students looking to sharpen their critical thinking skills and gain more hands-on lab experience.</li> <li>• Strongly recommended for students considering post-secondary studies or a career in STEM</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• \$25 workbook fee</li> <li>• A proficient level of understanding (B or higher) of Chemistry 11 concepts is recommended if students intend to take Chemistry 12 for post-secondary admissions requirements. Students are encouraged to upgrade their skills in summer school if needed.</li> </ul>			

<b>Course Name</b>	Physics 12		<b>Grade Level(s)</b>	11, 12
<b>Course Code</b>	MPH- -12	<b>Recommended Prerequisite Course(s)</b>	Physics 11	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• This course builds on the principles of physics from grade 11 and allows students to tackle more challenging problems and projects.</li> <li>• The Big Ideas covered are: <ul style="list-style-type: none"> <li>• Measurement of motion depends on our frame of reference. (Kinematics, Vectors, Special Relativity)</li> <li>• Forces cause linear and circular motion. (2D Dynamics and Circular Motion)</li> <li>• Forces and energy interactions occur within fields. (Electric and Magnetic Fields)</li> <li>• Momentum is conserved in closed system. (Momentum)</li> </ul> </li> <li>• Projects include spaghetti bridges and a final personal interest project of the student's choice</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• There will be a trip to the particle accelerator at Triumpf at the end of the year</li> </ul>			



# SOCIAL STUDIES



<b>Course Name</b>	Social Studies 9	<b>Grade Level(s)</b>	9
<b>Course Code</b>	MSS- - 09	<b>Recommended Prerequisite Course(s)</b>	Humanities 8
<b>Course Description &amp; Content</b>	Students in this course will be investigating a range of topics from 1750 - 1950 world history. This course is designed to strengthen students' understanding of new political ideologies and social injustices of this era. Social Studies 9 will address the effects of British and Canadian government policies on the indigenous peoples, global revolutions and conflicts, and the rise of Canadian nationalism.		
<b>Additional Information</b>	Inquiry based learning will be used in many parts of the course to deepen students' understanding of the subject matter.		

<b>Course Name</b>	Social Studies 10	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MSS- - 10	<b>Recommended Prerequisite Course(s)</b>	Social Studies 9
<b>Course Description &amp; Content</b>	Social Studies 10 is designed to strengthen students' awareness of what it means to be a Canadian citizen. Students examine the development of Canada over the course of the twentieth century. The course is focused on Canada's role in the World Wars, the Great Depression, and the Cold War. Themes of First Nations culture, French-English relations, Canadian autonomy, and development of equality rights are also investigated throughout the course.		
<b>Additional Information</b>	Core skills for the course include critical thinking, research, and communication. Overall, the course encourages students to be proud of their own identity and to embrace their rights and responsibilities as active Canadian citizens.		

<b>Course Name</b>	Explorations: Social Studies 11	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MEPSS11	<b>Recommended Prerequisite Course(s)</b>	Social Studies 10
<b>Course Description &amp; Content</b>	<i>Social Studies 11: Explorations</i> investigates various fields of the social sciences in order to facilitate a better student understanding of their role and influence on their local, national, and global communities. <i>Social Studies 11: Explorations</i> is focused on contemporary political studies and emphasizes citizenship and current issues. Areas of study include: 21 <sup>st</sup> Century cultural, historical, and political processes, human and urban geographic impacts, civic structures and activism, philosophy, comparative world religions, and genocide studies.		
<b>Additional Information</b>	A trip to our provincial capital (Victoria) is typically planned to help students understand the roles of citizens and government.		

<b>Course Name</b>	Social Studies 8	<b>Grade Level(s)</b>	8
<b>Course Code</b>	MSS- -08	<b>Recommended Prerequisite Course(s)</b>	Grade 7 Social Studies and English Language Arts
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Social Studies 8 asks what ancient peoples can teach us about living better today by examining selected societies from the 7th to 18th centuries. Extra focus is placed on the varied consequences that exploration, expansion, and colonization had for different groups. Skills development includes paragraph writing, analysis of charts and graphs, debating, active listening, and presentations. Social Studies 8 focuses on the core competencies of critical thinking, communication, and social responsibility.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Redesigned curriculum introduced in September 2016 will emphasize project-based learning as a method of increasing student engagement in topics.</li> <li>Optional field trips between \$15-25 may rise during the year.</li> <li>Optional Grammar Book (Language Power Book F) \$15</li> </ul>		

<b>Course Name</b>	Twentieth Century World History 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MWH- -12	<b>Recommended Prerequisite Course(s)</b>	Social Studies 11: Explorations
<b>Course Description &amp; Content</b>	History 12 looks at our global system in the 20th century. Students develop critical thinking and writing skills through an introduction to historical thought then includes units on decolonization, local and oral history, the USSR 1917-1990, the Arab Israeli conflict, and Chinese History. Each student chooses an area of focus for term assignments that include a book review, essay, and in class presentation.		
<b>Additional Information</b>	Course is designed to make students aware of recent world events and prepare them for college and university expectations regarding writing, bibliography, and presentation.		

<b>Course Name</b>	Law Studies 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MLST-12	<b>Recommended Prerequisite Course(s)</b>	Social Studies 11: Explorations
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• Law 12 is a comprehensive survey course of various fields of law designed to give an awareness of legal procedures and the rationale behind legal decisions.</li> <li>• The course is not a substitute for legal counsel but is to help the student recognize those problems when it is necessary to seek such counsel.</li> <li>• The course emphasis is on the court system, Family and Criminal Law. Other areas of study include the Charter of Rights and Freedoms and law-making jurisdiction.</li> </ul>		
<b>Additional Information</b>	Law 12 includes outside speakers from the profession along with court tours.		

<b>Course Name</b>	Social Justice 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MSJ- -12	<b>Recommended Prerequisite Course(s)</b>	Social Studies 11: Explorations
<b>Course Description &amp; Content</b>	Social Justice 12 provides an exceptional learning opportunity for students to analyze situations from a social justice perspective, building on the desire to discover how to improve life for those most in need. The course materials will establish a body of information about human rights abuses and the skills to assess how they can be combated. The aim is to motivate and empower students to think and act ethically, and to realize their own capacity, individually or as a group, to effect positive change for a socially just world.		
<b>Additional Information</b>	The course will include field trips, documentary films, guest speakers, debates, and role plays, culminating in a student-created and implemented plan for action.		

<b>Course Name</b>	Physical Geography 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MPGEO12	<b>Recommended Prerequisite Course(s)</b>	Social Studies 11: Explorations
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• Study of the interaction of physical, natural and human system.</li> <li>• Skills in understanding mapping, earth sciences and diverse environments</li> <li>• Interpretation of connections between the physical environment and human settlement</li> </ul>		
<b>Additional Information</b>	Project based learning will help students to consolidate their understanding of humanity's interaction with the natural world. This course can also be used as a science credit for university.		

<b>Course Name</b>	Economic Theory 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MECT-12	<b>Recommended Prerequisite Course(s)</b>	Social Studies 11: Explorations
<b>Course Description &amp; Content</b>	Principles of Economics 12 is an introductory course surveying both macro and microeconomic principles. The first unit discusses economic thinking and history. Units about supply and demand then elasticity follow. Macroeconomics topics include, unemployment, inflation, growth, the money supply, and the balance of payments. Further topics include the relationships between people and their financial system and the role of government. Students are required to write a microeconomics essay and macroeconomics policy recommendation.		
<b>Additional Information</b>	Course activities are intended to help students better understand economic topics in their own lives as well as in the media. Course activities combine both theory and practice.		

**Path to a Social Studies Enrichment Distinction**

**Grade 8**

- 1 Skills-based activity
- 1 Field-based experience
- 1 Global Citizenship or Social Responsibility Activity

**Grade 9**

*beginning 2022-2023 school year*

- 2 Skills-based activity
- 1 Field-based experience
- 1 Global Citizenship or Social Responsibility Activity

**Grade 10**

*beginning 2023-2024 school year*

- 1 Skills-based activity
- 2 Field-based experience
- 1 Global Citizenship or Social Responsibility Activity



# PHYSICAL AND HEALTH EDUCATION

<b>Course Name</b>	Physical and Health Education 8	<b>Grade Level(s)</b>	8
<b>Course Code</b>	MPHE-08	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Provides students with a wide range of organized physical activities.</li> <li>Skill, strategy, fitness, knowledge of rules, and sportsmanship will be taught.</li> <li>Activities will be a selection of team games, gymnastics, dance, active health, and individual and dual activities.</li> <li>Evaluation will be based on both achievement and improvement</li> <li>Healthy choices will be discussed and their influence on our physical, emotional and mental wellbeing.</li> </ul>		

<b>Course Name</b>	Physical and Health Education 9	<b>Grade Level(s)</b>	9
<b>Course Code</b>	MPHE-09	<b>Recommended Prerequisite Course(s)</b>	Successful completion of PE 8 or 9
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Provides students with a wide range of organized physical and cognitive activities.</li> <li>Progressive skills, strategy, fitness, knowledge of rules, and positive behavior will be taught.</li> <li>Activities include: Team Activities – basketball, soccer, volleyball, team handball, flag football, field lacrosse, and speedway; Individual/Dual Activities – badminton, tennis, orienteering, self-defense (girls), wrestling, track and field, and cross country running; Gymnastics; Active Health – fitness components and fitness evaluation, training principles, stress and relaxation, posture, nutrition, weight training and muscle physiology; Community facilities – bowling, billiards, skating.</li> <li>Healthy choices will be discussed and their influence on our physical, emotional and mental wellbeing.</li> </ul>		
<b>Additional Information</b>	Supplemental Fee: \$15 for field trips such as bowling, billiards, and skating. Students will be required to attend all field trips or complete in-class alternate activity.		

<b>Course Name</b>	PE Leadership 11/12	<b>Grade Level(s)</b>	11, 12
<b>Course Code</b>	YHRA-1A YHRA-2A	<b>Recommended Prerequisite Course(s)</b>	Approval by PE Department
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>In this course, students gain knowledge, and skills as a student leader.</li> <li>Students should have some prior knowledge of sport activities.</li> <li>This course is based on service.</li> <li>There are a number of areas to choose from to complete your service hours (coaching, managing, officiating, intra-murals)</li> </ul>		
<b>Additional Information</b>	Students may be required to spend some time after school and/or evenings.		

<b>Course Name</b>	Physical and Health Education 10	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MPHED10	<b>Recommended Prerequisite Course(s)</b>	Successful completion of PE 8 or 9
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Provides students with a wide range of organized physical and cognitive activities.</li> <li>Progressive skills, strategy, fitness, knowledge of rules, and positive behavior will be taught.</li> <li>Activities include: Team Activities – basketball, soccer, volleyball, team handball, flag football, field lacrosse, and speedway; Individual/Dual Activities – badminton, tennis, orienteering, self-defense (girls), wrestling, track and field, and cross country running; Gymnastics; Active Health – fitness components and fitness evaluation, training principles, stress and relaxation, posture, nutrition, weight training and muscle physiology; Community facilities – bowling, billiards, skating.</li> <li>Analyze how health related decisions support the achievement of personal healthy living goals.</li> </ul>		
<b>Additional Information</b>	Supplemental Fee: \$15 for field trips such as bowling, billiards, and skating. Students will be required to attend all field trips or complete in-class alternate activity.		

<b>Course Name</b>	Active Living 11	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MACLV11	<b>Recommended Prerequisite Course(s)</b>	Successful completion of PE 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Leisure Oriented Activities: Students will experience and evaluate activities, which are oriented to lifetime sports pursuits. Activities may take place in the community and/or school and will also include outdoor pursuit activities: rock climbing, winter sports, canoeing, and hiking.</li> <li>Active Living: Students will perform self-assessment of their fitness and develop a personal fitness program and nutrition plan.</li> <li>Personal Social Responsibility: Students will develop their skills &amp; appreciation for providing service and leadership to others.</li> </ul>		
<b>Additional Information</b>	Supplemental Fee: \$100 for field trips and other activities. Students will be required to attend all field trips or complete in class alternate activity.		





# MODERN LANGUAGES



<b>Course Name</b>	Core French 8		<b>Grade Level(s)</b>	8
<b>Course Code</b>	MFR- -08	<b>Recommended Prerequisite Course(s)</b>	French language classes 2-3 times/week in grades 5-7	
<b>Course Description &amp; Content</b>	Students will learn: <ul style="list-style-type: none"> <li>Basic conversational French using the AIM (Accelerative, Integrative, Method) program</li> <li>Vocabulary + Grammar structures to describe people and their interests</li> <li>Stories such as <i>Le garçon qui joue des tours</i></li> <li>A variety of songs and dances</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Field trip to local bakery to practice ordering in a restaurant in an authentic French setting, and to taste authentic French cuisine</li> <li>other fieldtrip opportunities exist but may not always be possible due to various factors</li> </ul>			

<b>Course Name</b>	Core French 9		<b>Grade Level(s)</b>	9
<b>Course Code</b>	MFR- -09	<b>Recommended Prerequisite Course(s)</b>	Core French 8 or Intensive French in grades 6 & 7	
<b>Course Description &amp; Content</b>	Students will learn: <ul style="list-style-type: none"> <li>Basic conversational French using the AIM (Accelerative, Integrative, Method) program</li> <li>Vocabulary + Grammar structures to describe people and their interests</li> <li>Stories such as <i>Salut mon ami!</i> and <i>Veux-tu danser? And Qui arrive ce soir?</i></li> <li>A variety of songs and dances</li> <li>To speak about current events/culture in French speaking places</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Field trip to local bakery to practice ordering in a restaurant in an authentic French setting, and to taste authentic French cuisine</li> <li>other fieldtrip opportunities exist but may not always be possible due to various factors</li> </ul>			

<b>Course Name</b>	Core French 10		<b>Grade Level(s)</b>	10
<b>Course Code</b>	MFR- -10	<b>Recommended Prerequisite Course(s)</b>	Core French 9	
<b>Course Description &amp; Content</b>	Students will: <ul style="list-style-type: none"> <li>Interact spontaneously in French</li> <li>Build upon previously learned vocabulary &amp; grammatical structures</li> <li>Respond to film clips, songs, authentic cultural materials, etc. using oral and written language</li> <li>Arrange events in past, present, and future</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>other fieldtrip opportunities exist but may not always be possible due to various factors</li> </ul>			

<b>Course Name</b>	Core French 11		<b>Grade Level(s)</b>	11
<b>Course Code</b>	MFR- -11	<b>Recommended Prerequisite Course(s)</b>	Core French 10	
<b>Course Description &amp; Content</b>	Students will: <ul style="list-style-type: none"> <li>Interact spontaneously in French</li> <li>Build upon previously learned vocabulary &amp; grammatical structures</li> <li>Develop greater written proficiency by learning the rules of grammatical concepts</li> <li>Create and present original projects and presentations</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>other fieldtrip opportunities exist but may not always be possible due to various factors</li> </ul>			

<b>Course Name</b>	Core French 12		<b>Grade Level(s)</b>	12
<b>Course Code</b>	MFR- -12	<b>Recommended Prerequisite Course(s)</b>	Core French 11	
<b>Course Description &amp; Content</b>	Students will: <ul style="list-style-type: none"> <li>Practice advanced conversational French</li> <li>Build upon previously learned vocabulary &amp; grammatical structures</li> <li>Develop advanced written proficiency by learning the rules of grammatical concepts</li> <li>Read, analyse and discuss selections of French literature</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Field trip to local restaurant to practice ordering in an authentic French setting, and to taste authentic French cuisine</li> <li>other fieldtrip opportunities exist but may not always be possible due to various factors</li> </ul>			



<b>Course Name</b>	Japanese 10		<b>Grade Level(s)</b>	9-12
<b>Course Code</b>	MJA- -10	<b>Recommended Prerequisite Course(s)</b>	No pre-requisite required This is the beginning level of Japanese.	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>The beginning level Japanese course at Sir Charles Tupper</li> <li>Focuses on all aspects of language learning (speaking, listening, writing, and reading)</li> <li>Students learn Hiragana and Katakana alphabets (basic Japanese alphabets)</li> <li>Explores basic topics such as daily language, expressing likes/dislikes, daily activities, time, etc.</li> <li>Japanese culture also a big part of the course</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Annual fieldtrip to the Japanese Language Hall to explore Japanese culture</li> <li>Celebration of Japanese holidays</li> </ul>			

<b>Course Name</b>	Japanese 11		<b>Grade Level(s)</b>	11-12
<b>Course Code</b>	MJA- -11	<b>Recommended Prerequisite Course(s)</b>	Japanese 10 is the prerequisite for this course	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>The intermediate level Japanese course at Sir Charles Tupper</li> <li>Focuses on all aspects of language learning (speaking, listening, writing, and reading)</li> <li>Students will begin learning kanji (the Japanese form of Chinese characters)</li> <li>Further exploration of topics such as organizing plans, discussing locations and directions, and using descriptive language</li> <li>As with Japanese 10, Japanese culture also a big part of the course</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>The Great Ramen Adventure field trip</li> <li>Celebration of Japanese holidays</li> </ul>			

<b>Course Name</b>	Japanese 12		<b>Grade Level(s)</b>	11-12
<b>Course Code</b>	MJA- -12	<b>Recommended Prerequisite Course(s)</b>	Japanese 11 is the prerequisite for this course	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>The advanced level Japanese course at Sir Charles Tupper</li> <li>Focuses on all aspects of language learning (speaking, listening, writing and reading)</li> <li>Students will continue learning kanji (the Japanese form of Chinese characters)</li> <li>Further exploration of previous and new topics with a focus on more complex language</li> <li>As with Japanese 10 and 11, Japanese culture also a big part of the course</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Organizing and running the Bunkasai (Japanese Spring Festival)</li> <li>Celebration of Japanese holidays</li> <li>Option to take the Japanese government's Japanese Language Proficiency Test</li> </ul>			

<b>Course Name</b>	Spanish 10		<b>Grade Level(s)</b>	9-12
<b>Course Code</b>	MSP- -10	<b>Recommended Prerequisite Course(s)</b>	none	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This introductory course uses the Comprehensible Input model to develop students' communicative ability (both spoken and written) to an appropriate beginning level. Students can expect to learn high-frequency vocabulary and expressions through creative storytelling, songs, and by reading 1-2 short novels in Spanish and by listening to and speaking in Spanish for the majority of the class period.</li> <li>Students will learn to communicate in basic social situations, to meet and greet friends, to talk about themselves, their family, school life, the environment, food, sports and leisure activities.</li> <li>Students will explore forms of cultural expression (movies, celebrations like the Day of the Dead, art, music, dance, poetry, and food) and learn about some of the issues that shape life in the Spanish-speaking world.</li> <li>Student assessment will be based primarily on reading and writing, as well as listening comprehension and oral communicative competence.</li> </ul>			
<b>Additional Information</b>	Students can expect to participate in at least one field trip to a Spanish/Latin American restaurant and/or a field trip to the Vancouver International Film festival or other culturally relevant event.			



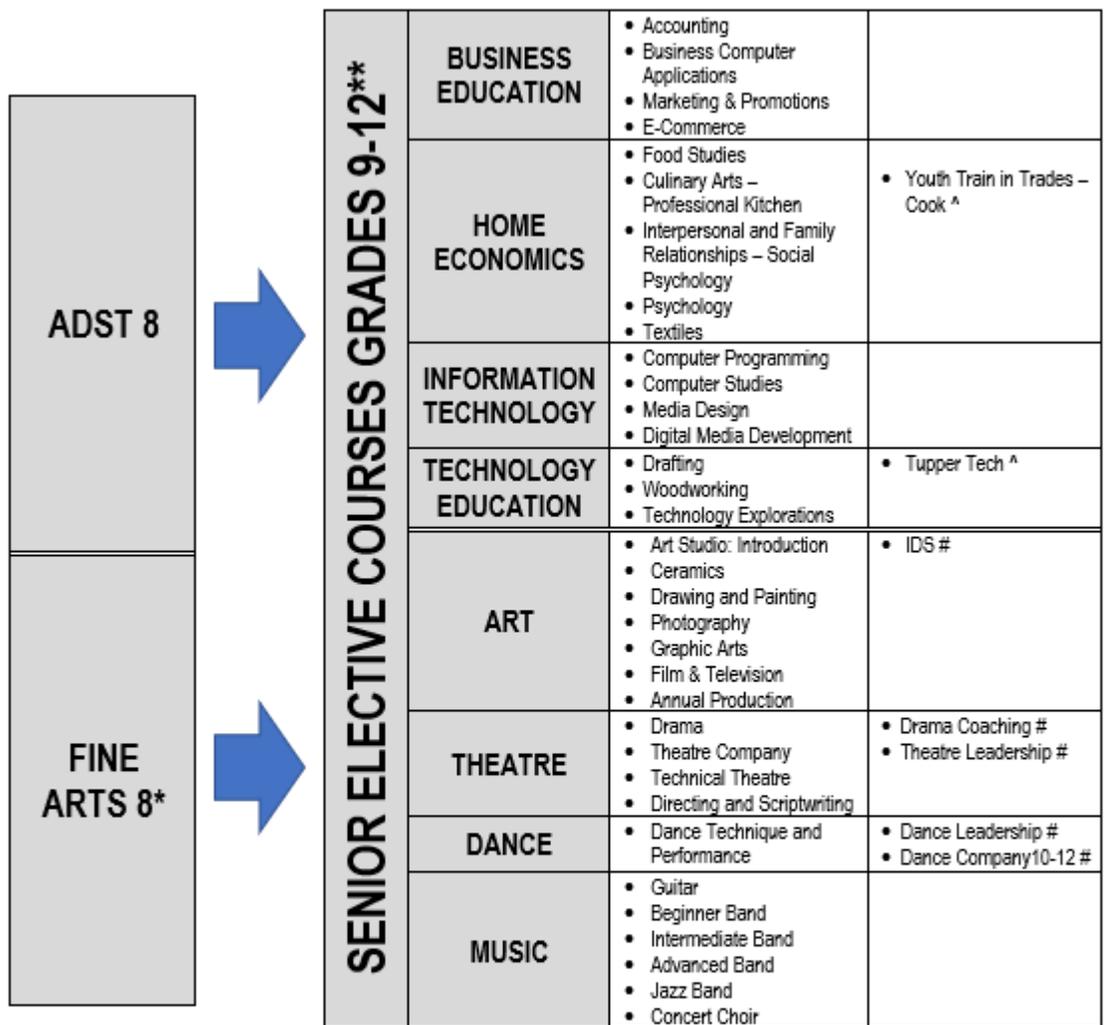
<b>Course Name</b>	Spanish 11		<b>Grade Level(s)</b>	11, 12
<b>Course Code</b>	MSP- -11	<b>Recommended Prerequisite Course(s)</b>	Spanish 10	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students will continue to develop their comprehension, speaking, reading and writing abilities in Spanish through exposure to high-frequency vocabulary and immersion in the target language.</li> <li>This is achieved primarily storytelling, songs, creative writing, short novels and by exploring a variety of authentic texts. Students are expected to speak only in Spanish during class time.</li> <li>They will use the language to discuss preferences, describe their relations with others, and express their opinions. Learning will be personalized and relevant.</li> <li>Students will explore forms of cultural expression through films, music, poetry, guest speakers, field trips and student research on topics such as the Day of the Dead, food, travel, immigration, music and dance, and contemporary social and environmental issues in the Spanish speaking world.</li> <li>Student assessment will be based on reading and listening comprehension, writing and oral communicative competence.</li> </ul>			
<b>Additional Information</b>	Students can expect to participate in at least one field trip to a Spanish/Latin American restaurant and/or a field trip to the Vancouver International Film festival or other culturally relevant event.			

<b>Course Name</b>	Spanish 12		<b>Grade Level(s)</b>	12
<b>Course Code</b>	MSP- -12	<b>Recommended Prerequisite Course(s)</b>	Spanish 11	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students will be challenged to speak Spanish with increasing confidence, creativity, and accuracy while exploring increasingly challenging grammar and vocabulary. The goal is for students to be able to use the language for communication and written output.</li> <li>This is achieved primarily through storytelling and reading short novels, grammar study, songs, creative and reflective writing, and by exploring a variety of authentic texts. Students are expected to speak only in Spanish during class time.</li> <li>Students will be expected to produce oral and written creative projects to showcase their understanding of Spanish language, culture, and contemporary issues as they are explored through films, music, literature, guest speakers, field trips and student research.</li> <li>Student assessment will be based on reading and listening comprehension, writing and oral communicative competence.</li> </ul>			
<b>Additional Information</b>	Students can expect to participate in at least one field trip to a Spanish/Latin American restaurant and/or a field trip to the Vancouver International Film festival or other culturally relevant event.			



**UPPER FINE ARTS AND APPLIED DESIGN, SKILLS AND TECHNOLOGIES (ADST) COURSE PLANNING**

**Core Fine Arts and ADST Requirements**



\* Beginner or Intermediate Band can be taken in lieu of Fine Arts 8.

\*\* In order to graduate, students must complete a required 4 credits of a Fine Arts and/or Applied Design, Skills and Technologies 10, 11 or 12 course and a total of 28 credits from elective courses.

# This course can be taken only with permission from the teacher.

^ This special program can be taken through application.

**Applied Design, Skills and Technologies**

**Business**

<b>Course Name</b>	Applied Design, Skills, and Technologies	<b>Grade Level(s)</b>	8
<b>Course Code</b>	MADW-08 MADEM08 MADFS08	<b>Recommended Prerequisite Course(s)</b>	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students sample a rotation of 3 areas that involve project-based learning:                             <ol style="list-style-type: none"> <li>Entrepreneurship &amp; Marketing</li> <li>Home Economics (Foods, Textiles)</li> <li>Technology Education (Woodworking)</li> </ol> </li> </ul>		
<b>Additional Information (e.g. Enrichment, Fieldtrips, etc.)</b>	<ul style="list-style-type: none"> <li>Students bring own supplies: 3-ring binder, pen/pencil, lined paper, pencil crayons</li> </ul>		

<b>Course Name</b>	Entrepreneurship & Marketing 10	<b>Grade Levels</b>	9,10
<b>Course Code</b>	MADEM10	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Get a taste of accounting, economics, investing, marketing, and entrepreneurship</li> <li>An introduction to upcoming senior Business Education courses offered</li> <li>Learn barriers that diverse groups of entrepreneurs face and factors that can contribute to their success</li> </ul>		
<b>Additional Information (e.g. Enrichment, Fieldtrips, etc.)</b>	<ul style="list-style-type: none"> <li>Opportunity to create a class business venture and invest in a stock market simulation</li> </ul>		

<b>Course Name</b>	Accounting 11		<b>Grade Level(s)</b>	11
<b>Course Code</b>	MAC- -11	<b>Recommended Prerequisite Course(s)</b>	None	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Learn the basics of how to manage your money, use fundamental bookkeeping skills to work in an office and analyze a business' finances.</li> <li>Develop practical skills and hear from accounting professionals in this introduction to the financial world of business</li> <li>Evaluation will be on regular workbook assignments and tests</li> <li>Learn, understand, and apply fundamental accounting skills to in-class and real-world situations</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Opportunity to be a part of the Tuppshop Accounting Team</li> </ul>			

<b>Course Name</b>	Marketing and Promotions 11		<b>Grade Level(s)</b>	10,11
<b>Course Code</b>	MMAP-11	<b>Recommended Prerequisite Course(s)</b>	Entrepreneurship and Marketing 10	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Learn &amp; understand marketing and promotion opportunities within the local community</li> <li>Study the role of advertising in domestic and international contexts</li> <li>Familiarize yourself with how businesses such as Apple and Nike use advertising strategies to win you over</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Everyone is subjected to thousands of marketing ads a week. Whether you want to pursue a job in business or be a smarter shopper, this course will open your eyes to the consumer market. Also learn concepts to apply in E-Commerce 12 with the Tuppshop.</li> </ul>			

<b>Course Name</b>	Business Computer Applications and Keyboarding 12		<b>Grade Level(s)</b>	9, 10, 11, 12
<b>Course Code</b>	MDCOM11	<b>Recommended Prerequisite Course(s)</b>	Not available to those who have taken Keyboarding 10/11	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Prepare for college, university, or work by learning popular software programs and workplace skills.</li> <li>Master the latest shortcuts in Word, Powerpoint and Excel.</li> <li>Delivery professional presentations and reports for current courses and future jobs.</li> <li>Learn soft skills of how to be successful in an office setting: giving great interviews and thriving in a team of diverse personalities.</li> <li>Evaluation will be online course work, projects, mock interviews and regular quizzes.</li> </ul>			

<b>Course Name</b>	Accounting 12		<b>Grade Levels</b>	12
<b>Course Code</b>	MAC- -12	<b>Recommended Prerequisite Course(s)</b>	Accounting 11	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Finish learning all of the financial statements, be introduced to filing personal taxes, and evaluate publicly traded companies for investment purposes</li> <li>Evaluation will be on regular workbook assignments, case studies and tests.</li> </ul>			

<b>Course Name</b>	Entrepreneurship 12		<b>Grade Level(s)</b>	11 and 12
<b>Course Code</b>	MENT-12	<b>Recommended Prerequisite Course(s)</b>		
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Learn to recognize entrepreneurial opportunities</li> <li>Play a direct role in the organization and day to day operations of the TuppShop</li> <li>Apply marketing strategies learned previously to run promotional strategies for the TuppShop, reaching our student, staff, and community population</li> <li>Understand the inner workings of an E-Commerce, and Brick &amp; Mortar business model</li> <li>Understand the importance of an effective inventory system</li> </ul>			
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>As marketing and entrepreneurial consultants and business operators, you'll be expected to act professionally while being on a team where everyone plays a vital role.</li> </ul>			



## Home Economics

<b>Course Name</b>	Food Studies 10, 11, 12	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MFOOD10 MFOOD11 MFOOD12	<b>Recommended Prerequisite Course(s)</b>	Food Studies 10 for Foods 11/12
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Each Foods course has two components. The skills are cumulative from year to year:               <ul style="list-style-type: none"> <li>Theory on food related topics</li> <li>Hands-on Labs (Snacks, Meals, Ethnic Foods, Special Events)</li> </ul> </li> </ul>		
<b>Additional Information</b>	<b>Fees:</b> 1. Food Fees \$30: extra supplies 2. FoodSafe Level 1 Certification: \$30 (Grade 11/12 only): workbook, test paper, VCH registration, certificate		

<b>Course Name</b>	Culinary Arts – Tupper Caf	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MCUL-10 MCUL-11 MCUL-12	<b>Recommended Prerequisite Course(s)</b>	Can be concurrent with Food Studies
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Hands on learning for students learning to produce large and small batch recipes</li> <li>Develop skills working with commercial equipment</li> <li>Be involved in developing sustainable practices in the class and school</li> <li>Grow and harvest in class and garden</li> <li>Developing new items for service</li> <li>Food Safe Level 1 course or review</li> <li>Can lead to Youth TRAIN in Trades, Cooks</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Foodsafe Workbook &amp; Certification \$30</li> </ul>		

<b>Course Name</b>	Textiles 10 (Beginners)	<b>Grade Level(s)</b>	9, 10
<b>Course Code</b>	MTXT-10	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Learn the basics of garment construction/reconstruction, surface design and use of commercial patterns.</li> <li>Become proficient in your use of the sewing machine and serger to create your own clothing, accessories, crafts and household objects.</li> <li>Catch a glimpse of fashion design and history, beyond your technical development.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Travel on many field trips to experience textiles and fashion design in Vancouver.</li> <li>Basic materials provided. Additional supplies provided at cost.</li> </ul>		

<b>Course Name</b>	Textiles 11/12 and Fashion Design 12 (Intermediate/Advanced)	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MTXT – 11 MTXT – 12 MFIND12	<b>Recommended Prerequisite Course(s)</b>	Textiles 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Build on your skills using the serger, sewing and creative embroidery machines to make clothing and crafts.</li> <li>Peer-teach, develop your portfolio, and self-select project content that interests you.</li> <li>Learn how to design, draft, and construct original fashions and/or costumes. Fashion Design 12 can be taken with permission from the teacher/grade counsellor.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Travel on many field trips to experience textiles and fashion design in Vancouver.</li> <li>Basic materials provided. Additional supplies provided at cost.</li> </ul>		

<b>Course Name</b>	Interpersonal and Family Relationships (Social Psychology) 11	<b>Grade Level(s)</b>	11/12
<b>Course Code</b>	MIAFR11	<b>Recommended Prerequisite Course(s)</b>	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course focuses on the study of human behavior with special attention to groups</li> <li>Units include: Social Psychology Overview, Social Perception, Social Cognition, Attitudes, Identity, Prejudice &amp; Discrimination, Interpersonal Attraction, Intimacy, Social Influence, Pro-social Behaviour, Aggression, and Groups &amp; Individuals.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Evaluation: Assignments/projects, quizzes, presentation</li> </ul>		

<b>Course Name</b>	Psychology 11	<b>Grade Level(s)</b>	11/12
<b>Course Code</b>	YPSYC1A	<b>Recommended Prerequisite Course(s)</b>	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course focuses on the study of mental processes and behaviors of human beings and animals</li> <li>Units include: History, Research Methods, Biological Bases of Behaviour, Sensation &amp; Perception, States of Consciousness, Learning, Cognition, Motivation &amp; Emotion, Developmental Psychology, Personality, Testing &amp; Individual Differences, Abnormal Psychology, Treatment of Psychological Disorder, and Social Psychology.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Evaluation: Assignments/projects, quizzes, presentations</li> </ul>		

Are you interested in Culinary Arts as a career? Would you like formal training in foods? Check out the Youth TRAIN Cooks program on page 38!

## Information Technology

<b>Course Name</b>	Computer Studies 10	<b>Grade Level(s)</b>	9, 10
<b>Course Code</b>	MCSTU10	<b>Recommended Prerequisite Course(s)</b>	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students explore introductory programming, 3-D modelling, software, hardware, and networks in the context of robotics, web programming and game creation.</li> <li>Coding concepts are explored using languages such as HTML, Scratch, JavaScript, or Java</li> <li>Hands-on projects allow students to creatively express themselves and practice computational thinking skills.</li> </ul>		

<b>Course Name</b>	Computer Programming 11	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MCMPR11	<b>Recommended Prerequisite Course(s)</b>	Computer Studies 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students explore intermediate programming concepts in the context of robotics, web programming and game creation.</li> <li>Coding concepts and structures are explored using languages such as HTML, JavaScript, Java, or Python</li> <li>Hands-on projects allow students to express themselves creatively and practice computational thinking skills.</li> <li>Learning to code and information technology skills offer students an ever-increasing range of academic and career opportunities.</li> </ul>		

<b>Course Name</b>	Computer Programming 12	<b>Grade Level(s)</b>	11, 12
<b>Course Code</b>	MCMPR12	<b>Recommended Prerequisite Course(s)</b>	Programming 11
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students will be exploring advanced programming concepts in the context of web programming and game creation.</li> <li>Advanced coding concepts and data structures are explored using languages such as HTML, JavaScript, Java, or Python</li> <li>Hands-on projects allow students to express themselves creatively and practice computational thinking skills.</li> <li>Learning to code and information technology skills offer students an ever-increasing range of academic and career opportunities.</li> </ul>		



<b>Course Name</b>	Media Design 11	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MEDD11	<b>Recommended Prerequisite Course(s)</b>	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This multi-media production course focusses on planning and creating audio visual stories and projects. Students will learn 3D Modelling/Animation, Audio Sound Production, and Video Special Effects using computer programs. Some background in using computers for graphic media will be helpful but not necessary.</li> </ul>		

# Technology Education

<b>Course Name</b>	Drafting CAD/CAM 10	<b>Grade Level(s)</b>	9 or 10
<b>Course Code</b>	MTDRF10	<b>Recommended Prerequisite Course(s)</b>	No Prerequisite required
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>You will explore today's Technical Communication technologies</li> <li>An Introduction to: Rapid Visualization, AutoCAD, 3D printing, 3D modeling, Laser Cutting, Robotics G-Code</li> </ul>		

<b>Course Name</b>	Drafting CAD/CAM 11/12	<b>Grade Level(s)</b>	(10) 11 - 12
<b>Course Code</b>	MTDRF11 MTDRF12	<b>Recommended Prerequisite Course(s)</b>	Grade 10's may enroll if they have completed Drafting 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>You will explore today's Technical Communication technologies and, depending on your level, pick a focus concentration to develop.</li> <li>Learn and practice skills valued by Architects, Designers, and Engineers</li> <li>Focus areas include: Mechanical Drafting, AutoCAD, 3D printing, 3D modeling, Laser Cutting, Robotics G-Code</li> <li>Senior Students are encouraged to develop a design portfolio for post-secondary use.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>No course fees</li> <li>In some cases, larger projects may require the purchase of additional materials (Flourescent plastics, Exotic 3D printer feeds, etc.)</li> </ul>		

<b>Course Name</b>	Youth Explore Trades Skills	<b>Grade Level(s)</b>	10-12
<b>Course Code</b>	MSTX0A MSTX1A MSTX2A	<b>Recommended Prerequisite Course(s)</b>	No Prerequisite required
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Hands-on course with a focus on Wood Carpentry, with additional units in Design/Drafting &amp; Electronics/Robotics.</li> <li>Safe work habits &amp; tool/machine use and employability skills are integrated into all units.</li> <li>Senior students will cover the same areas at a higher level.</li> </ul> <p>For more information see:  <a href="#">ITA BC – Youth Explore Skills</a>  <a href="#">Ministry of Education – Explore Trades Skills</a></p>		

<b>Course Name</b>	Woodworking 10	<b>Grade Level(s)</b>	9 or 10
<b>Course Code</b>	MWWK-10	<b>Recommended Prerequisite Course(s)</b>	No prerequisite required. Beginners are welcome.
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Is a project-based course introducing skills and processes to cut and form wood</li> <li>Learn and demonstrate safe working practices while designing and creating a variety of projects.</li> <li>Past Examples include fine furniture tables, wood turned pens, and cutting boards</li> <li>Use a variety of tools and equipment to measure and shape wood</li> </ul>		

<b>Course Name</b>	Woodworking 11 and 12	<b>Grade Level(s)</b>	11 or 12
<b>Course Code</b>	MWWK-11 MWWK-12	<b>Recommended Prerequisite Course(s)</b>	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>A project-based course involving more emphasis on design and safe product development</li> <li>Typically, the first project is chosen by the teacher followed by a student led project</li> <li>A major portion of the year is dedicated to student led custom work</li> <li>Students can propose and design a custom project of their choice</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Previous designs have encompassed furniture (tables and shelves), wood turning (pens and bowls) and elaborate design pieces (patterns and inlays).</li> </ul>		

Are you someone who is interested in learning a skilled trade? Head to [page 36](#) for more information about Youth Train in Trades Programs offered though the VSB.

At Tupper we offer Tupper Tech and Youth Train in Trades Cook! See Chef Regan or Mr. Evans for more information!

# Fine Arts

## Studio Art

<b>Course Name</b>	Visual Arts 8	<b>Grade Level(s)</b>	8
<b>Course Code</b>	MVA- -08	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	Students will receive instruction in: <ul style="list-style-type: none"> <li>Drawing, painting, proportion, perspective and "Ish", as well as an Introduction to Elements and Principles of Design in Art.</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		

<b>Course Name</b>	Visual Arts 9	<b>Grade Level(s)</b>	9
<b>Course Code</b>	MVA- -09	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	Students will receive instruction in: <ul style="list-style-type: none"> <li>Drawing, painting, printmaking, Elements and Principles of Design, mash up, sketchbook and media exploration.</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		

<b>Course Name</b>	Art Studio 10: Introduction	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MVAST10	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Foundational skills in drawing, Painting, and printmaking.</li> <li>Elements and Principles of Design in Art, sketchbook exploration.</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		

<b>Course Name</b>	Art Studio 11: Introduction	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MVAST11	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Drawing, painting, improving skills and techniques, application of Elements and Principles of Design, personally meaningful image development, visual journal.</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		



<b>Course Name</b>	Art Studio 12: Introduction	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MVAST12	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Builds on the skills of Art Foundations 11 plus communication through meaningful artistic expression.</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		

<b>Course Name</b>	Studio Arts 3D 9/10: Ceramics	<b>Grade Level(s)</b>	9,10
<b>Course Code</b>	MVA- -09SC1 MVAC -10	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	Methods of working include: <ul style="list-style-type: none"> <li>Pinch, coil, slab, hand-building and wheel-throwing</li> <li>Surface treatments; slips, glazes and oxides</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		

<b>Course Name</b>	Studio Arts 3D 11: Ceramics	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MVAC-11	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	Work with clay all year: <ul style="list-style-type: none"> <li>Working with clay by hand and using a potter's wheel.</li> <li>Glazing and surface treatment of clay</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		

<b>Course Name</b>	Studio Arts 3D 12: Ceramics	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MVAC-12	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	Work with clay all year: <ul style="list-style-type: none"> <li>Working with clay by hand and using a potter's wheel.</li> <li>Glazing and surface treatment of clay</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		

<b>Course Name</b>	Studio Arts 2D 9/10: Drawing and Painting	<b>Grade Level(s)</b>	9/10
<b>Course Code</b>	MVAD-10	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students will express the Big Ideas of culture, place, identity, nature, and art making through processes including many kinds of drawing, painting, and printmaking. Students will need to provide a sketchbook; all other materials are supplied.</li> </ul>		



<b>Course Name</b>	Studio Arts 2D 11: Drawing and Painting	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MVAD-11	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Builds on the skills in Drawing and Painting 10, plus personally meaningful image development, visual journal.</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		

<b>Course Name</b>	Studio Arts 2D 12: Drawing and Painting	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MVAD-12	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Builds on the skills in Drawing and Painting 11, plus personal identity and cultural expression.</li> </ul>		
<b>Additional Information</b>	Sketchbook required.		

### Media Art

<b>Course Name</b>	Annual Production 10-12 (Beginners – Advanced)	<b>Grade Level(s)</b>	9, 10
<b>Course Code</b>	MVAM-10	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Learn the basics of, or advance your skills in designing, producing, and publishing the school yearbook.</li> <li>Become proficient in the use of digital technology: use Adobe Photoshop, InDesign, and Illustrator.</li> <li>Explore marketing, fundraising, journalism, photography, project management and teamwork.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Travel on many field trips to experience graphic design in Vancouver.</li> <li>All materials provided.</li> </ul>		

<b>Course Name</b>	Graphic Arts 10 (Beginners)	<b>Grade Level(s)</b>	9, 10, 11, 12
<b>Course Code</b>	YCCT-0C YCCT-1C YCCT-2C	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Learn the basics of using graphic design to create and communicate.</li> <li>Become proficient in your use of digital technology: use Adobe Photoshop, Illustrator, and InDesign to complete all projects.</li> <li>Catch a glimpse of professional communications, beyond your technical and conceptual development.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Make your involvement count as resume experience.</li> <li>All materials provided.</li> </ul>		

<b>Course Name</b>	Film and Television 11 - 12 (Beginners)	<b>Grade Level(s)</b>	9, 10, 11, 12
<b>Course Code</b>	MDFT-11 MDFT-12	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Watch and explore <i>many</i> films through written assignments and group work.</li> <li>Learn about the historical, artistic, and technical development of film and television.</li> <li>Cover many topics, including director studies, film aesthetics, genre/style, film industry and careers, etc.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Pacific Cinematheque will partner with Tupper Film and TV for hands-on programming and workshops.</li> <li>Experience film through guest speakers, and field trips when possible.</li> <li>All materials provided.</li> </ul>		



<b>Course Name</b>	Graphic Arts 11/12 (Intermediate/Advanced)	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MVAGA11 MVAGA12	<b>Recommended Prerequisite Course(s)</b>	Graphic Arts 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Build on your skills using digital and analog technology to make awesome designs.</li> <li>Peer-teach, develop your portfolio, and self-select project content that interests you.</li> <li>Compete in many design competitions.</li> <li>Go deeper into experimental media, contemporary/historical art, and your visual environment as a commercial designer.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Travel on many field trips to experience graphic design in Vancouver.</li> <li>All materials provided.</li> </ul>		

<b>Course Name</b>	Visual Arts: Photography 10 (Beginners)	<b>Grade Level(s)</b>	9, 10
<b>Course Code</b>	MVAPH10	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Learn the basics of using light to produce photographic images.</li> <li>Become proficient in your use of both manual and digital technology: use the SLR camera and the darkroom, plus the DSLR camera and Adobe Photoshop to complete all projects.</li> <li>Catch a glimpse of contemporary and historical photography, beyond your technical and conceptual development.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Travel on many field trips to experience photography in Vancouver.</li> <li>All materials provided.</li> </ul>		

<b>Course Name</b>	Photography 11/12 (Intermediate/Advanced)	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MVAPH11 MVAPH12	<b>Recommended Prerequisite Course(s)</b>	Photography 10
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Build on your skills using the darkroom and digital technology to make amazing photos.</li> <li>Peer-teach, develop your portfolio and self-select project content that interests you.</li> <li>Go deeper into experimental media, contemporary/historical art, and your visual environment as a commercial, or artistic photographer.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Travel on many field trips to experience photography in Vancouver.</li> <li>All materials provided.</li> </ul>		

## Theatre

<b>Course Name</b>	Drama 9/Drama 10	<b>Grade Level(s)</b>	9, 10
<b>Course Code</b>	MDR- -9 MDR- -10	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Drama classes provide a safe environment for students to develop self-confidence, social awareness, and communication skills.</li> <li>We do this through drama games, improvisation, scene building and in-class performances.</li> <li>All work is done during class time.</li> </ul>		
<b>Additional Information</b>	All materials provided.		

<b>Course Name</b>	Theatre Company 10-12	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MDRTC10 MDRTC11 MDRTC12	<b>Recommended Prerequisite Course(s)</b>	Drama 8 and 9 or permission from instructor.
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Theatre Company classes are for students who love performing in front of audiences.</li> <li>Scripted and original work will be produced for public audiences during the day as well as some evenings.</li> <li>Throughout the year, students will practice audition techniques, character development, script interpretation, technical theatre basics and promotion.</li> </ul>		
<b>Additional Information</b>	All materials provided.		

<b>Course Name</b>	Technical Theatre	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	MDRM-10 MDRTP11 MDRTP12	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Theatre Production introduces students to lighting, sound and stage management.</li> <li>They will learn how to use the lighting and sound boards and can apply those skills at assemblies and performances.</li> </ul>		
<b>Additional Information</b>	All materials provided.		



<b>Course Name</b>	Drama Leadership 11-12	<b>Grade Level(s)</b>	10, 11, 12
<b>Course Code</b>	YCPM-1D	<b>Recommended Prerequisite Course(s)</b>	Drama 8 and 9 or permission from Instructor.
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This is a course that puts equal emphasis on leadership and theatre skills.</li> <li>The coach works alongside the teacher in a junior drama class as demonstrator, mentor, instructor, and leader.</li> </ul>		
<b>Additional Information</b>	All materials provided.		

<b>Course Name</b>	Directing and Scriptwriting 11-12	<b>Grade Level(s)</b>	11, 12
<b>Course Code</b>	MDRDS11 MDRDS12	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Directing and Scriptwriting is for students who have an interest in writing and directing their own work or directing someone else's work.</li> <li>Students will be paired with a junior or senior class, depending on their preference.</li> </ul>		
<b>Additional Information</b>	All materials provided.		

## Dance

<b>Course Name</b>	Dance 9	<b>Grade Level(s)</b>	9
<b>Course Code</b>	MDNC-09	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students will explore different dance styles: jazz, hip hop, contemporary and/or others.</li> <li>They will create short dances both collaboratively and individually.</li> <li>Students will refine dance rehearsal and performance skills, having many opportunities to perform throughout the year.</li> </ul>		
<b>Additional Information</b>	Fieldtrips to see professional performances and / or have a guest dancer come in may be included.		

<b>Course Name</b>	Dance Technique and Performance 10	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MDNTP10	<b>Recommended Prerequisite Course(s)</b>	Dance 9 or equivalent not required.
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Dance 10 builds on skills and technique learned in Dance 9.</li> <li>Students will explore techniques in various styles of dance, including jazz, hip hop, contemporary and/or others.</li> <li>They will create short dances both collaboratively and individually.</li> <li>Students will refine dance rehearsal and performance skills, having many opportunities to perform throughout the year.</li> </ul>		
<b>Additional Information</b>	Fieldtrips to see professional performances and / or have a guest dancer come in may be included.		

<b>Course Name</b>	Dance Technique and Performance 11/12	<b>Grade Level(s)</b>	11/12
<b>Course Code</b>	MDNTP11 MDNTP12	<b>Recommended Prerequisite Course(s)</b>	Dance 9 / 10 recommended but not required
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students will build on technique and skills learned in previous dance courses. contemporary, jazz, hip hop and/or other genres of dance will be explored.</li> <li>They will create dances both collaboratively and individually and have a chance to choreograph parts of the class dance if desired.</li> <li>Students will refine dance rehearsal and performance skills, having many opportunities to perform throughout the year.</li> </ul>		
<b>Additional Information</b>	Fieldtrips to see professional performances and / or have a guest dancer come in may be included.		

<b>Course Name</b>	Dance Company 10-12	<b>Grade Level(s)</b>	10-12
<b>Course Code</b>	MDNCM10 MDNCM11 MDNCM12	<b>Recommended Prerequisite Course(s)</b>	Must have dance experience & permission from teacher
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course is for dancers who have at least 2 years of dance experience who want to challenge their technical and performance abilities. A higher level of technical steps and choreography will be explored.</li> <li>Dance Company will perform 3-5 times during the year.</li> </ul>		

<b>Course Name</b>	Dance Leadership 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	YHRA-1A YHRA-2A	<b>Recommended Prerequisite Course(s)</b>	Must have Tupper dance experience & permission from teacher
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students will learn to lead dance exercises and can choreograph sections of the class dance.</li> <li>Students will help organize all aspects of the dance shows.</li> </ul>		

## Music

<b>Course Name</b>	Guitar	<b>Grade Level(s)</b>	9-12
<b>Course Code</b>	MMU- -09GR1 MMUGT10 MIMG-11; MIMG-12	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>In Guitar class, we develop our guitar skills, appreciate music, and participate in the Fine Arts community.</li> <li>Students will perform in evening concerts as part of their mark.</li> </ul>		
<b>Additional Information</b>	All required materials are provided.		

<b>Course Name</b>	Beginning Concert Band	<b>Grade Level(s)</b>	8-12
<b>Course Code</b>	MMU- -08BA1 MMU—09BA1 MMUCB- -10 MIMCB11- -1 MIMCB12- -1	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Any student with no experience can learn how to read music and play a band instrument.</li> <li>Wide range of instruments to choose from, and a wide range of musical styles will be covered</li> <li>An ability to read music is NOT required.</li> <li>This group rehearses WITHIN the regular timetable, but evening and out of class performances are part of the course evaluation.</li> </ul>		
<b>Additional Information</b>	Instruments are available through the school or an outside music retailer (eg Tapestry Music) to rent for the course.		

<b>Course Name</b>	Intermediate Concert Band	<b>Grade Level(s)</b>	8-12
<b>Course Code</b>	MMU - -08BA2    MMU - -09BA2 MMUBC-10 - -2    MIMCB11- -2 MIMCB12- -2		
<b>Recommended Prerequisite Course(s)</b>	Beginning Concert Band OR suitable experience on a CONCERT BAND instrument (1-3 years)		
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Students will explore more difficult music and expand their instrument technique.</li> <li>Leadership opportunities in working with beginner students will be offered.</li> <li>A wide range of musical styles and genres will be examined in this course.</li> <li>This group rehearses WITHIN the regular timetable, but evening and out of class performances are part of the course evaluation.</li> </ul>		
<b>Additional Information</b>	Instruments are available through the school or an outside music retailer (e.g. Tapestry Music) to rent for the course.		

<b>Course Name</b>	Advanced Concert Band	<b>Grade Level(s)</b>	9-12
<b>Course Code</b>	MMU- -09BA3 MMUCB-10- -3 MIMCB11- -3 MIMCB12- -3	<b>Recommended Prerequisite Course(s)</b>	Intermediate Concert Band OR suitable experience on a CONCERT BAND instrument (> 4 years)
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>As this is of the main performing ensembles at Tupper, the ability to individually prepare for regular high-quality performances is an essential part of this course.</li> <li>Challenging music and advanced instrument techniques will be covered.</li> <li>A wide range of musical styles and genres will be examined in this course.</li> <li>This group rehearses OUTSIDE the regular timetable</li> </ul>		
<b>Additional Information</b>	Instruments are available through the school or an outside music retailer (eg Tapestry Music) to rent for the course.		



<b>Course Name</b>	Jazz Band	<b>Grade Level(s)</b>	8-12
<b>Course Code</b>	MMU- -08JB1 MMU- -09JB1 MMUJB10 MIMJB11 MIMJB12	<b>Recommended Prerequisite Course(s)</b>	Completion of Intermediate or Advanced Concert Band
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• Smaller ensemble focused on the study of swing, rock, funk, be-bop, blues, and Latin music.</li> <li>• An ability to read music is required.</li> <li>• Improvisation skills will be taught and used throughout the year.</li> <li>• This group rehearses OUTSIDE the regular timetable</li> <li>• Regular performances within and outside of Tupper are an essential part of this course.</li> </ul>		
<b>Additional Information</b>	Instruments are available through the school or an outside music retailer (e.g. Tapestry Music) to rent for the course.		

<b>Course Name</b>	Concert Choir	<b>Grade Level(s)</b>	8-12
<b>Course Code</b>	MMU- -08CC1 MMU- -09CC1 MMUCC10 MCMCC11 MCMCC12	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• A course for any student who wants to learn how to sing, or to improve your current singing ability. ANYONE can join.</li> <li>• An ability to read music is NOT required.</li> <li>• Pop, R&amp;B, Jazz, Classical, and other genres will be examined throughout the course</li> <li>• This group rehearses OUTSIDE the regular timetable.</li> <li>• Regular performances within and outside of Tupper are an essential part of this course.</li> </ul>		
<b>Additional Information</b>	All required materials are provided.		



**RESPECT**  
We care for self, each other, and community.  
**R**

**OWNERSHIP**  
We are accountable and take pride in positive behaviour and actions.  
**O**

**ATTITUDE**  
We are courteous and committed to doing our best.  
**A**

**RESPONSIBILITY**  
We know and meet personal, classroom, and community expectations.  
**R**

**SAFETY**  
We ensure the health and well-being of all.  
**S**

# Student Services, Career Programs, Work Experience and Skills Development

<b>Course Name</b>	Learning Strategies	<b>Grade Level(s)</b>	8-12
<b>Course Code</b>	XLDCD08 YLE- -0A XLDCD09 YLE- -1A YLE- -2A		
<b>Recommended Prerequisite Course(s)</b>	No pre-requisite; Parent permission, counsellor recommendation		
<b>Course Description &amp; Content</b>	<p>The Learning Strategies credit course provides academic, and organizational support for students. Students receive assistance with their assignments, are taught strategies to become better, more organized learners and are given an opportunity to access remediation in reading, math and literacy. The Learning Strategies teacher monitors student progress and provides individual guidance for each student's school success</p> <ul style="list-style-type: none"> <li>• 4 credits earned</li> <li>• Academic organizational support</li> <li>• Strategies for learning</li> <li>• Progress mentoring</li> <li>• Homework support</li> </ul>		

<b>Course Name</b>	Library Services	<b>Grade Level(s)</b>	11, 12
<b>Course Code</b>	YMBO-1B		
<b>Recommended Prerequisite Course(s)</b>	none		
<b>Course Description &amp; Content</b>	<p>Students who are interested in a service class may enroll in either Library Services, or Community Services for credit. These students learn all about library procedures and organization:</p> <ul style="list-style-type: none"> <li>• check in and check out</li> <li>• search for reading materials</li> <li>• serve staff and students needing computer or printing help</li> <li>• catalogue and process new books</li> <li>• the Dewey system of non-fiction</li> <li>• setting up the room for different special events</li> <li>• designing displays</li> <li>• shelf reading, arranging books</li> </ul>		
<b>Additional Information</b>	<p>The Tupper Library Learning Commons offers a variety of resources for research and curricular studies for students and staff. The Library is available as a research resource for books, encyclopedias, magazines and electronic databases. The collections respond to the reading interest of students and the curricular demands. The Tupper Teacher Librarian works with teachers and students to promote and improve reading for pleasure and develop language and learning skills. On Tuesdays and Thursdays at lunchtime the Strategy Board Games Club meets to enjoy playing games; all are welcome to join in, including staff.</p>		

<b>Course Name</b>	Work Experience (WEX)	<b>Grade Level(s)</b>	11, 12
<b>Course Code</b>	MWEX-2A XAT- -11WEX		
<b>Recommended Prerequisite Course(s)</b>	WEX 11 is needed for WEX 12, or with permission		
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>• This course has 2 components:             <ol style="list-style-type: none"> <li>1. Written/oral assignments to prepare for work</li> <li>2. 90 Hours working/volunteering at a job site (1 week in Grade 11, 1 week in Grade 12)</li> </ol> </li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• Students must attend In-school Preparation Sessions and On-site Work Experience</li> <li>• The placements will depend on the students' interests, abilities/skills, and career goals</li> <li>• Students will be evaluated on written/oral assignments, professional behavior, and supervised on-site work</li> <li>• Students receive 4 credits towards graduation</li> </ul>		

<b>Course Name</b>	Link Leadership 11 & 12	<b>Grade Level(s)</b>	11, 12
<b>Course Code</b>	YHRA-1ADA1 YIPS-2BDA2		
<b>Recommended Prerequisite Course(s)</b>	Interview from instructor and approval by Counselling Department		
<b>Course Description &amp; Content</b>	<p>Link Crew is a peer mentorship program that gives senior students comprehensive leadership training and the confidence and skills to mentor a diverse group of grade 8 students as they transition into high school. Using a peer support model, leaders help grade 8 students to succeed, and building on our ROARS foundation, to enhance our positive school environment and a safe and inclusive school community. This course runs outside the regular timetable, weekly afterschool on Wednesday or Thursdays, alternating. Learned skills include:</p> <ul style="list-style-type: none"> <li>• Personal Growth and Reflection</li> <li>• Oral Presentations and Public Speaking Skills</li> <li>• Team Building and Group Cohesion Lessons</li> <li>• Developing a personal leadership identity</li> <li>• Behavioural Management and safety assessment strategies</li> <li>• Group collaboration</li> <li>• Understanding unique and special needs learners</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• This course has a \$50 fee** and involves extra-curricular community fundraising. Students are also expected to attend a mandatory late summer training session, as well as a 'sleep-away' camp in early September for 2 nights.</li> </ul> <p>**see counsellor to waive for financial hardship</p>		

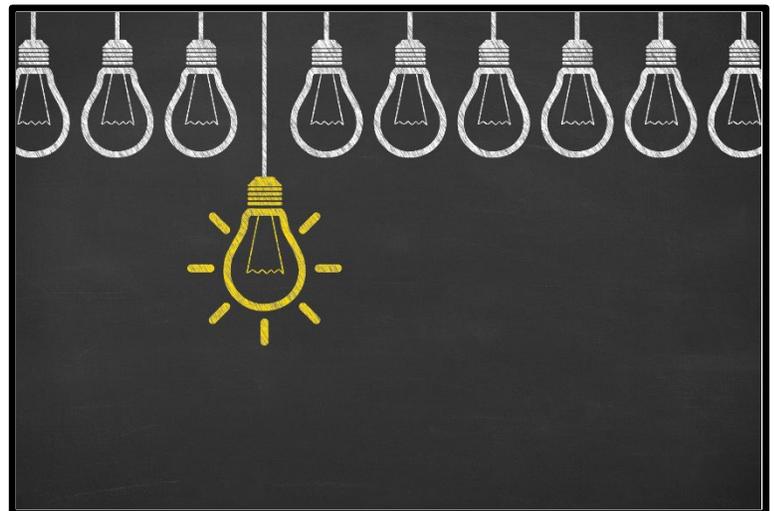
# Career Education

<b>Course Name</b>	Career Education	<b>Grade Level(s)</b>	8 & 9
<b>Course Code</b>	MCE--08 MCE--09	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>A course required in both grade 8 and grade 9 that explores the fundamental career and employment skills a person in normally thought to need to function productively in society.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>This course is done through a series of modules that are worked on throughout the year.</li> </ul>		

<b>Course Name</b>	Career-Life Education	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MCLE-10	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course presents important information about finding and maintaining a career, from post-secondary requirements to career searches and employment skills.</li> <li>Basic financial skills are introduced and honed within the course, from post-secondary costs to banking skills to investing</li> <li>How to maintain a work-life balance and proper well-being is a major focus of this course</li> <li>The importance of networking, collaboration, interpersonal skills, reputation, and workplace behaviour are all important elements of the course</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>This course is required for graduation</li> </ul>		

<b>Course Name</b>	Career-Life Connections 11	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MCLCA12	<b>Recommended Prerequisite Course(s)</b>	None
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>In this course we explore life after secondary school through:               <ul style="list-style-type: none"> <li>- Setting meaningful goals</li> <li>- Looking for possible opportunities</li> <li>- Building supportive relationships</li> <li>- Revising plans</li> <li>- Reflecting on learning experiences</li> </ul> </li> <li>Themes of life-long learning, career-life development, decision making, networking, and personal well-being</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>This class is delivered through an assembly format and meets during TIP time</li> <li>This course is a graduation requirement.</li> </ul>		

<b>Course Name</b>	Career-Life Connections 12	<b>Grade Level(s)</b>	12
<b>Course Code</b>	MCLC-12	<b>Recommended Prerequisite Course(s)</b>	CLC 11
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>This course builds upon the learning and reflection that occurs in CLC 11.</li> <li>In this course we explore life after secondary school through:               <ul style="list-style-type: none"> <li>- Setting meaningful goals</li> <li>- Looking for possible opportunities</li> <li>- Building supportive relationships</li> <li>- Revising plans</li> <li>- Reflecting on learning experiences</li> </ul> </li> <li>Themes of life-long learning, career-life development, decision making, networking, and personal well-being</li> <li>A capstone project/interview needs to also be presented at the end of the course. This will be worked on throughout the course and is a requirement for completion.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>This class is delivered through an assembly format and meets during TIP time</li> <li>This course is a graduation requirement</li> </ul>		



# DISTRICT PROGRAMS

## ELL Literacy Program

To support students who have had interrupted or minimal education. The program aims to help students gain the reading, writing and numeracy skills they need to prepare for progress into our mainstream ESL/ELL program. Canadian cultural orientation activities are an integral part of this program.

## ELL ILead Program

This program will support students who have been in school but continue to struggle with English acquisition or ELL students who are well below grade level in Math or have experienced little success in school. Students in this program will be in a sheltered ELL program for one day and will take courses for credit and integration on the other day. Students will have opportunities to participate in contact assignments and community experiences in support of a thematic academic approach to build students' success in academic coursework. *Students will be integrated out of this program as they start to experience success. Placement in ILead is determined by the team at the Newcomer Welcome Centre*

## Learning Support Program (LSP)

Prerequisite(s): Referral by their Counsellor or Teacher

The Learning Support Program provides grades 8 & 9 students adapted / modified core curriculum, remediation and strategies for grade 8 and 9 students identified as needing learning support. There is one teacher per 15 students. The goal of the program is to teach core academics and assist students to develop learning strategies to cope with areas of weakness and build areas of strength while encouraging social awareness and self-esteem. The students are integrated into electives and into academic subjects (whenever possible and appropriate). Each student has an Individual Educational Plan (IEP).

Placement: Students are appropriate for placement in this program when they meet the Ministry criteria (Q) and do not have any significant behavioral difficulties. They are ages 12 - 15 and in grades 8 and 9. Students across the District are referred to the program by their School-Based Team which includes administrators, teachers and counsellors. Placements are decided by the Central Screening Committee of the Vancouver School Board.

## Tupper Alternate Program (TAP) Grade 8 & 9

Tupper Alternative Program (TAP) has been created to maximize opportunity for successes in academic and personal growth for grade 8 and 9 students. TAP is located within Sir Charles Tupper Secondary School and allows for the immersion of students into the Tupper school culture. Students have access to team sports, clubs, resources, and active support and guidance of the school administration. Students are taught all academic subjects by the Tupper Alternative teacher and may be integrated in the main school for some of their elective courses. In addition to providing educational programming, the program staff is dedicated to working individually with students to focus on their social and emotional needs.

### Academic Goal:

The goal for students is to successfully complete grade 8 and 9. Adaptations are made where necessary to meet the needs of the students. Student progress is managed through an Individualized Education Plan (IEP). After completing grade 9, students will return to their neighbourhood school or be recommended to another district alternative program.

### Referral Process:

The program will only enroll new grade 8 students with the understanding that they will stay in the program for grade 9. Intake is continuous as space becomes available. Referrals are accepted anytime although the main intake for the program commences in March for the following September. For a copy of the application form, please call the Youth and Family Worker. Once the applications are processed the referring party will be contacted to arrange a screening meeting. All successful applicants will then be placed on a wait list.

## Life Skills Program

Grade(s): 8 to 12

The Secondary Life Skills Program is a supportive class for students with Moderate to Severe Intellectual Disabilities and/or Autism. Students in this program have unique learning needs. Each student has an Individual Education Plan (IEP). Upon graduation, students are awarded a school leaving certificate. Class composition includes 1 teacher, and 4 support workers.

Placement: Students are appropriate referrals to the program when they meet the Ministry criteria for Moderate/Severe Intellectual Disabilities or Autism and have special learning needs that cannot be met in the regular classroom. Students across the District are referred to the Program by their School-Based Team which includes administrators, teachers, and counsellors.

Placements are decided by the Central Screening Committee of the Vancouver School Board.

## Youth TRAIN in Trades Programs:

The Vancouver School Board offers district programs for students to pursue industry certification or the foundation level of a trade program. These programs save time and money (free tuition) and offer a huge jump start for students in grade 11 or 12. The benefits include:

- Dual credit with post-secondary institution (most programs)
- Head start with Foundation trades training
- Registration with the Industry Training Authority (ITA)
- Potential direct lead into an apprenticeship
- Work experience in the trade

For more information and an application form, please visit the VSB Career Programs website [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca)

links to Youth TRAIN in Trades, a pdf brochure for each program, and the application package. Also visit the Industry Training Authority website: [www.itabc.ca](http://www.itabc.ca). All students *applying* for Youth TRAIN in Trades programs should register at their home school with a full course load. Schools will be asked to modify a student's timetable if the student is accepted into a Youth TRAIN program.

Certification: successful completion of program will lead either to

Level 1 technical training credit or a Certificate of Qualification from the Industry Training Authority.

Following is a list of programs available, Career Programs may be able to accommodate students interested in other trades.

Program	Where the program is taught	Credits towards graduation program	Timetable	Application Due	Month program begins
<b>Aircraft Maintenance Engineer</b>	BCIT	16 credits	Monday - Friday	March 1	August
<b>Auto collision and Refinishing</b>	VCC	32 credits	Monday - Thursday 8:00 am - 3:00 pm	November 30 March 1	February September
<b>Auto Service Technician</b>	Britannia	20 credits	Semester 2	March 1	September
<b>Baking and Pastry Arts</b>	VCC	24 credits	Monday - Thursday 1:00 pm - 7:15 pm	November 30	August
<b>Carpentry</b>	BCIT	20 credits	February - June Monday - Friday	March 1	February
<b>Cook</b>	Sir Charles Tupper (priority to SCT students)	24 credits	Semester 2	March 1	September
<b>Cook</b>	David Thompson	24 credits	Semester 2	March 1	September
<b>**Electrical</b>	BCIT	24 credits	Monday - Friday	March 1	August
<b>Hairdressing</b>	VCC	44 credits	Monday - Friday	March 1	September
<b>** Heavy Mechanical Trades</b>	VCC	28 credits	Monday - Thursday 36 weeks	March 1	September
<b>Plumbing</b>	Piping Industry College of BC	4 credits	Mid-June to late July	March 1	June
<b>Painting</b>	Finishing Trades Institute of BC	4 credits	Mid-June to late July	March 1	June
<b>** Millwright</b>	BCIT	20 credits	Monday - Friday	March 1	February
<b>** Motorcycle &amp; Power Equipment</b>	BCIT	20 credits	Monday - Friday	March 1	February
<b>** Metal Fabrication</b>	BCIT	20 credits	Monday - Friday	March 1	February

## Dual Credit Programs

These programs, in partnership with post-secondary institutions, provide the opportunity for students to get a head start on their certification programs. Students save money (free tuition) and earn high school and post-secondary credits at the same time.

### Healthcare Assistant (Grade 12)

Students will prepare to work as front-line caregivers in home support, adult day care, assisted living, and complex care (including special care units).

- 28 weeks (September to April)
- 28 graduation credits
- Vancouver Community College

Additional information and application form can be found on the VSB Career Programs website at [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) → Our Programs → Healthcare Assistant

Application Due Date: **November 30**

## Youth WORK in Trades - Apprenticeship

Students with the skills and connections can start an apprenticeship in high school. Students who are already working in an apprenticeable trade can formalize the apprenticeship relationship with their employer. There are 4 courses (16 credits) available to these students when they have a formal ITA agreement arranged through the VSB District Apprenticeship Facilitator. Information and application forms are available on the VSB website: [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) → Our Programs → Youth WORK in Trades

## School-based Programs:

### Fashion Design and Technology – Eric Hamber

Students will enhance their construction skills; study history of costume, fashion merchandising; practice tailoring techniques and pattern drafting. Basic computer assisted design and fashion illustration will be practiced. In year 2, students will complete the graduation collection and portfolio needed for post-secondary entrance. Students may have the opportunity to participate in dual credit opportunities with a Fashion Design Program at a local post-secondary institute.

- Two-year cohort program: grade 11 & 12

Additional information and application form can be found on the VSB Career Programs website at: [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) → Our Programs → Fashion Design & Technology

Application Due Date: **March 1**

### IT and CISCO Networking Program – Killarney Secondary

Students will diversify and enhance their computer knowledge by building a computer, installing software and connecting the computer to networks and to the internet.

- Semester 2
- One-year cohort program, up to 12 credits
- Hands-on, laboratory courses
- Prepare for industry-recognized certification

Additional information and application form can be found on the VSB Career Programs website at: [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) → Our Programs → CISCO

Application Due Date: **March 1**

## Enhanced Trades – Killarney Secondary (Grade 11)

A program designed as an introduction to a variety of trades courses which include Automotive Technology 11, Drafting 11, Metalwork 11 and Carpentry & Joinery 11.

- Semester 2
- 12 to 16 credits
- Grade 11 program

Additional information and application form can be found on the VSB Career Programs website at: [careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) → Our Programs → Enhanced Trades

Application Due Date: March 1

## Tupper Tech

Tupper Technical Trades Program -

Application Due Date: March 1

### Grade 12 students only

Tupper Technical is a 24 credit, trades-based program designed for students who have demonstrated a preference for a hands-on career in skilled trades. The daily focus is on punctuality, job related behaviour and industry standard hard skills. The program focus is on developing a post-secondary pre-apprenticeship plan.

Tupper Technical combines 2 major disciplines:

- Wood and residential construction
- Metal, welding and automotive.

The program:

- Offers career focused training
- Is open to grade 12 students only
- Is in session from 8:30 until 3:00 on Day 2

This program assists students who wish to complete their graduation credits early and enter either post-secondary or a registered apprenticeship during their grade 12 year.

Successful applicants will acquire a specific set of workplace skills and document their achievements in a portfolio suitable for interviews and reference. Upon program completion students will receive 24 credits (TT Auto, TT Carpentry, MSTX-2A, 2B, WEX-12A, 12B).

Any student entering grade 12 is eligible to apply for one of the 20 seats in the program Starting January of their grade 11 year at

<http://go.vsb.bc.ca/schools/careerprograms>

For more information about the Tupper Tech program contact:

Russ Evans [rtevens@vsb.bc.ca](mailto:rtevens@vsb.bc.ca)

Rhonda Stangeland [rstangeland@vsb.bc.ca](mailto:rstangeland@vsb.bc.ca)



# Tupper Mini School

Grade(s): 8 to 12

The Tupper Mini School is designed to meet the needs of academically advanced students in grades 8 through 12. These students spend most of their classes together and become a very close-knit group throughout their schooling.

This is a District program where thirty students in each grade receive advanced instruction in math and science as well as an enriched program in English and social studies with an option for enrichment in French. Please see <http://go.vsb.bc.ca/schools/tupper/Programs/mini/Pages/default.aspx> for more information.

<b>Course name</b>	Mini School Science 8	<b>Grade Level</b>	8
<b>Course Code</b>	MSC- -08DC1	<b>Recommended Prerequisite</b>	Enrolled in Mini
<b>Course Description and Content</b>	<ul style="list-style-type: none"> <li>• First part of a two-year accelerated junior science program. This course covers all of Science 8 and half of the Science 9 curriculum.</li> <li>• Topics include Chemistry (kinetic molecular theory &amp; atomic models, periodic table, elements &amp; compounds), Life Science (cell biology, disease &amp; immunity, cell cycle, reproduction), Physics (waves &amp; optics), and Earth Science (plate tectonics).</li> <li>• Emphasis on developing skills needed for scientific inquiry: lab safety, proper handling of scientific tools and specimens, proficient use of the scientific method.</li> <li>• A major component of course evaluation is Science Fair. All students are expected to complete a Science Fair project or an equivalent inquiry project assigned by the teacher</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• \$24 workbook fee</li> <li>• \$20 fieldtrip fee (Science World)</li> <li>• Fees for additional field trips as needed</li> </ul>		

<b>Course name</b>	Mini School Science 9	<b>Grade Level</b>	9
<b>Course Code</b>	MSC- -09DC1	<b>Recommended Prerequisite</b>	Enrolled in Mini
<b>Course Description and Content</b>	<ul style="list-style-type: none"> <li>• Second part of a two-year junior science program.</li> <li>• An accelerated course with grade 9 and 10 science curriculum.</li> <li>• Builds on knowledge students gained in Mini Science 8</li> <li>• Topics include Life Science (cells and reproduction), Physics (electricity and circuits), Chemistry (elements and basic chemistry), and Earth Science (nutrient cycles, ecosystems and interconnectedness).</li> <li>• Evaluation is based on tests, quizzes, homework, safe lab practices, lab experiments, proficient use of the scientific method, science fair work habits and projects.</li> <li>• A major component of course evaluation is the Science Fair project, to be completed over Term 1 and presented in Term 2. All students are required to complete a project</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• \$12 workbook fee</li> <li>• Fieldtrip fee \$10-20</li> <li>• Genome BC guest speakers</li> <li>• Science fair is mandatory</li> </ul>		

<b>Course name</b>	Mini School Science 10	<b>Grade Level</b>	10
<b>Course Code</b>	MSC- -10DC1	<b>Recommended Prerequisite</b>	Enrolled in Mini
<b>Course Description and Content</b>	<ul style="list-style-type: none"> <li>• First part of a two-year accelerated junior science program. This course covers all of Science 8 and half of the Science 9 curriculum.</li> <li>• Topics include Chemistry (kinetic molecular theory &amp; atomic models, periodic table, elements &amp; compounds), Life Science (cell biology, disease &amp; immunity, cell cycle, reproduction), Physics (waves &amp; optics), and Earth Science (plate tectonics).</li> <li>• Emphasis on developing skills needed for scientific inquiry: lab safety, proper handling of scientific tools and specimens, proficient use of the scientific method.</li> <li>• A major component of course evaluation is Science Fair. All students are expected to complete a Science Fair project or an equivalent inquiry project assigned by the teacher</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>• \$24 workbook fee</li> <li>• \$20 fieldtrip fee (Science World)</li> <li>• Fees for additional field trips as needed</li> </ul>		



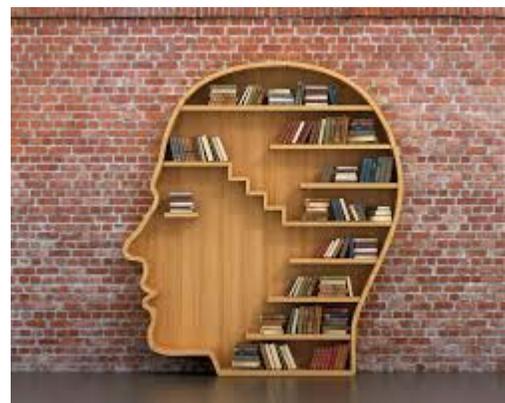
<b>Course name</b>	Mini School Humanities 8 (Includes EN8 and SS8)	<b>Grade Level</b>	8
<b>Course Code</b>	MEN- -08DC1 MSS- -08DC1	<b>Recommended Prerequisite</b>	Enrolled in Mini
<b>Course Description and Content</b>	The Mini School Humanities 8 program blends Social Studies and English so that the core goals of literacy and critical thinking are part of all activities. The purpose of this approach is to develop some major themes while ensuring that every student has a background in basic skills.		
<b>Additional Information</b>	Supplemental Fee: Bard on the Beach field trip \$20. Optional field trips to the theatre arise throughout the year. Trips usually cost \$15-20 each.		

<b>Course name</b>	Mini School Humanities 9 (Includes EN 9 and SS 9)	<b>Grade Level</b>	9
<b>Course Code</b>	MEN- -09DC1 MSS- -09DC1	<b>Recommended Prerequisite</b>	Enrolled in Mini
<b>Course Description and Content</b>	The Mini School English 9 and the Mini School Social Studies 9 are taught by one teacher as a continuation of Mini Humanities 8. Topics are also linked so that when a certain idea or issue is addressed in Social Studies, literature which has a similar theme will be used in the English program. This course is scheduled for a complete ½ day and students have the flexibility to organize self-directed field studies for particular areas of interest and are encouraged to pursue their own interests. Community outreach is ongoing, and students organize an annual networking conference for the senior students in the Mini School where various businesspeople (and alumni) come as potential mentors.		
<b>Additional Information</b>	Supplemental Fee: Bard on the Beach field trip \$20. Optional field trips to the theatre arise throughout the year. Trips usually cost \$15-20 each.		

<b>Course name</b>	Mini School English 10	<b>Grade Level</b>	10
<b>Course Code</b>	MCMP10DC1 MLTST10DC1	<b>Recommended Prerequisite</b>	Enrolled in Mini
<b>Course Description and Content</b>	This course emphasizes improving literacy levels by continuing to develop reading and writing skills. Topics are linked to Mini School Social Studies 10 when appropriate. This course introduces the higher-level critical thinking skills expected in senior level English. Students will be engaged in critical analysis and interpretation of literature and the writing of literary essays.		
<b>Additional Information</b>	Supplemental Fee: Bard on the Beach field trip \$20. Optional field trips to the theatre arise throughout the year. Trips usually cost \$15-20 each.		

<b>Course Name</b>	Mini School Literary Studies 11	<b>Grade Level(s)</b>	11
<b>Course Code</b>	MLTST11 DC1	<b>Recommended Prerequisite Course(s)</b>	Enrolled in Mini
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Literary Studies 11 is a 4-credit academic course designed for students to delve more deeply into literature. Areas of study will include:</li> <li>Possible areas of focus: fiction, poetry, drama, oral language, essay writing, project-based learning.</li> <li>This fulfills requirements for Grade 11 English Language Arts.</li> </ul>		
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Optional field trips could arise throughout the year, costing between \$15-\$25.</li> <li>Go to the following link for the most up to date information: <a href="https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/pdf/10-12/english-language-arts/en_ela_11_fls.pdf">https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/pdf/10-12/english-language-arts/en_ela_11_fls.pdf</a></li> </ul>		

<b>Course name</b>	Mini School English Studies 12	<b>Grade Level</b>	12
<b>Course Code</b>	MENST12DC1	<b>Recommended Prerequisite</b>	Enrolled in Mini
<b>Course Description and Content</b>	For their final year, Tupper Mini School students will share just one course: Mini English 12. Like regular English 12, this course is divided between a study of literature and composition. The course will build upon the sophistication that students have been developing over the last four years in their reading and writing skills. There is particular focus on thematic strands and critical thinking skills. As well, students will be expected to integrate the use of technology to enhance their presentation skills. Mini English 12 students are encouraged to sign up for Literary Studies 12 or Writing 12 as an elective to complement their studies in this course and to prepare them for university level English courses.		
<b>Additional Information</b>	Supplemental Fee: Bard on the Beach field trip \$20. Optional field trips to the theatre arise throughout the year. Trips usually cost \$15-20 each.		



<b>Course name</b>	Mini School Social Studies 10	<b>Grade Level</b>	10
<b>Course Code</b>	MSS- -10DC1	<b>Recommended Prerequisite</b>	Enrolled in Mini
<b>Course Description and Content</b>	See Social Studies 10 description. Enrichment opportunities include on-line projects, project-based learning, collaboration with Mini English 10, and self-selected topics.		

<b>Course name</b>	Mini School Social Studies 11	<b>Grade Level</b>	11
<b>Course Code</b>	MEPSS11DC1	<b>Recommended Prerequisite</b>	Enrolled in Mini
<b>Course Description and Content</b>	See Social Studies 11 description. Enrichment opportunities include on-line projects, debating, project-based learning, collaboration with Mini SS 11, and the available contests. This class often performs the Remembrance Day Assembly.		

**Mini School Math Overview:**

The Mini School Math program is designed as an accelerated program. Students will complete Principles/Pre-Calculus of Math 8, 9, 10 and 11 in the first three years of secondary school, Pre-Calculus 12 in grade 11, and Calculus 12 in grade 12. All students are also expected to participate in the math contests according to their grade level.

<b>Course Name</b>	Mini School Mathematics 9	<b>Grade Level(s)</b>	8
<b>Course Code</b>	MMA- -09DC1	<b>Recommended Prerequisite Course(s)</b>	
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Mini School Math 9 is the first year of an accelerated Math program designed for the Mini School students.</li> <li>Students will be completing Mathematics 8 and 9 in the first year of their secondary school (refer to course descriptions in the math section).</li> <li>Students are expected to be comfortable with their grade 7 math curriculum and to be willing to learn math concepts at a fairly quick pace.</li> <li>The Math 9 final exam is worth 20% of the overall grade.</li> </ul>		

<b>Course Name</b>	Mini School Mathematics 11	<b>Grade Level(s)</b>	10
<b>Course Code</b>	MPREC11DC1	<b>Recommended Prerequisite Course(s)</b>	Minimum C+ in Mini School Mathematics 10 or teacher recommendation
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Mini School Mathematics 11 is the third year of an accelerated Math program designed for the Mini School students.</li> <li>Students will be completing Pre-Calculus Math 11 in the third year of their secondary school (refer to course descriptions in the math section)</li> </ul>		
<b>Additional Information</b>	The Pre-Calculus Math 11 final exam is worth 25% of the overall grade. The government numeracy examination may occur during this course.		

<b>Course Name</b>	Mini School Mathematics 10	<b>Grade Level(s)</b>	9
<b>Course Code</b>	MFMP-10DC1	<b>Recommended Prerequisite Course(s)</b>	Minimum C+ in Mini Mathematics 9 or teacher recommendation.
<b>Course Description &amp; Content</b>	<ul style="list-style-type: none"> <li>Mini School Mathematics 10 is the second year of an accelerated Math program designed for the Mini School students.</li> <li>Students will be completing Foundations and Pre-Calculus Math 10 in the second year of their secondary school (refer to course descriptions in the math section).</li> </ul>		
<b>Additional Information</b>	The final exam is worth 20% of the overall grade. The government numeracy examination may occur during this course.		



# VANCOUVER NETWORK LEARNING (VLN)

The Vancouver Learning Network (VLN) – online learning - provides a British Columbia Ministry of Education curriculum leading to Grade 12 graduation. Students may take a grade level course while attending Tupper Secondary. Students considering this mode of learning are encouraged to:

1. Go to the website ([www.vln.vsb.bc.ca](http://www.vln.vsb.bc.ca)) and review the course options,
2. Discuss the option with their parents/guardians, and obtain written consent to take the course on-line,
3. Present the letter of permission to his/her counsellor, and
4. Enroll in the course.

Please be aware that Tupper is not responsible for VLN courses and students must deal directly with the teachers and counsellors at the VLN. Also, the marks obtained through the VLN courses are not calculated in Tupper's Honor Roll or Principal's List because the VLN does not produce marks on the same schedule as the school. Most importantly, Grade 12 academic courses must be at least 50% completed by March 1<sup>st</sup> in order for the VLN to send a mark to the Ministry of Education to be considered for post-secondary entrance. (Furthermore, VLN will not send marks to the ministry unless a student specifically requests the VLN to do so.)

VLN is a unique and valuable learning experience for students who have the appropriate motivation and support to complete the course. However, Tupper staff is not responsible for any additional support a student may need while taking on-line courses.



## Vancouver School Board Adult Education

The Vancouver Board of Education operates two Adult Education (AE) centres in Vancouver, South Hill Education Centre and the Gathering Place Education Centre. AE centres provide students with a wide choice of learning opportunities that range from the basic literacy level (Ministry Foundations courses, Levels 1-7) to high school completion. The Foundations courses help students develop or strengthen specific core skills needed for successful completion of Grade 10/11/12 courses, and senior academic credits lead to high school completion or allow students to gain or upgrade Grade 10/11/12 credits. All courses, both Foundations and Grade 10/11/12, follow prescribed Ministry curriculum. Adult Education also runs one Foundations level outreach program at Britannia Secondary in partnership with Canuck Family Education Centre, and one senior academic credit youth program located at South Hill Education Centre.

To meet student needs for flexible programming, centres offer courses from early morning to evening, including Saturdays and operate year round:

- Quarter (9 week terms; beginning 4 times a year; Sept., Nov., Feb., Apr.)
- Semester (18 week terms; beginning 2 times a year; Sept. and Feb.)
- Summer term (5 week term)

Depending on student needs, AE centres provide a variety of course formats which may include:

- Self-paced courses (blended paper-based instruction with face-to-face assistance) from Foundations to Grade 10-12 courses – Gathering Place and South Hill Education Centre
- Structured courses at the Foundations and Grade 10/11/12 levels – South Hill Education Centre

Students at our AE centres reflect the diversity of language and cultural backgrounds in Vancouver and range in age from 16 to seniors. Each of the centres responds to the specific needs of its community and program offerings reflect student course requests and enrollment patterns. Please note that students attending adult centres must be 16 years old (on July 1 of the current school year) and follow MOE course concurrency rules to be eligible for Ministry funding.

- Gathering Place Education Centre Tel: (604) 257-3849 <http://go.vsb.bc.ca/schools/adulted>
- South Hill Education Centre Tel: (604)713-5770 <http://go.vsb.bc.ca/schools/adulted>