



Grade 10 -12 Course Selection Booklet

2023 – 2024

Mission Statement: To partner with students, parents and the community to build a safe, supportive and challenging learning environment that enables people to make a living, make a life and make a difference.

INTRODUCTION TO COURSE SELECTIONS

Edward Milne Community School offers a fantastic variety of learning experiences. It is characterized by striving to ensure students succeed in whatever path they have chosen. At EMCS, we work to collaborate with staff, students, parents and community to create an environment where students feel valued and have a sense of belonging within their school community. This includes offering high-level academic courses, including a French Immersion program; a wide variety of award-winning applied skills and design courses; excellent sports programs including two academies; and an outstanding variety of performing and visual arts programs. Given our setting, many of our course also aim to take advantage of our local environment. We are the only Community School in the Sooke School District, which partners with a Community School Society to improve student learning through building stronger families and healthier communities.

Students, please consult with your parent/guardian as you make your course selections for next year. Our counsellors will meet with students during and after course selection to ensure they have chosen the appropriate courses in order to meet the Ministry of Education's Graduation Requirements.

COMMUNICATIONS

The communication tools and links below are the main methods we use to send out notifications and news:

EMCS Website: <https://emcs.web.sd62.bc.ca/>

EMCS APP: <http://emcsappazur.com/>

Counselling Department – Counsellors are an integral part of the academic advising process. Students should meet with their assigned counsellor to plan/finalize their programs and review graduation requirements as not all course requests can be accommodated. Appointments can be booked online at: <https://emcs.web.sd62.bc.ca/counselling-centre/book-a-counselling-appointment/>

COUNSELLOR	STUDENT PORTFOLIO	EMAIL
Sharon Jesson	A – L	sjesson@sd62.bc.ca
Allan Phipps	M – Z	aphipps@sd62.bc.ca

Each student is assigned a Counsellor and a Vice Principal based on their last name.

VICE-PRINCIPAL	STUDENT PORTFOLIO	EMAIL
Todd Powell	A – L	tpowell@sd62.bc.ca
John Mennie	M – Z	jmennie@sd62.bc.ca

PROGRAM PLANNING

Class Size Limitations – When space in classes is limited, priority will be given to students needing the course to meet graduation requirements, and to grade appropriate placements. Student wishing to upgrade previously attempted courses may be admitted depending on availability of space, students may need to consider online or summer school alternatives.

Course Selections – Course selections are completed via the MyEd Student Portal so students must activate their account. See our website for assistance.

Full-Time Program – Students in Grade 9, 10 and 11 carry **full timetables (8 courses)** and are not permitted to have unassigned blocks in their timetables, except for very exceptional circumstances approved by the Principal or Vice Principal. **Grade 12 students** undertake full timetable until graduation requirements have been addressed.

Students in Grade 12 who have heavy academic loads and are students in good standing can request to drop a course in the second semester and have it replaced with a study block. This will be decided on a case by case basis and will involve an application form that must be signed by a parent/guardian. Student who are successful in being allowed a study block will need to spend it in the learning commons, or at home if permitted by the parent/guardian.

Post-Secondary Admissions – When selecting courses, students should research post-secondary requirements to ensure they are making suitable course selections. Current post-secondary calendar are available online.

Repeating Courses – Students who do not attain a minimum of 50% in a course will be re-scheduled into those courses in order to meet graduation requirements. Students who have completed a distributed learning or summer school course should inform their counsellor to ensure that marks have been recorded and credits have been assigned

Student Transcripts Service: You can use the Student Transcripts Service (STS) to:

- View or order your grade 10 to 12 course transcript
- Send your high school transcript to post-secondary institutions
- Send your high school transcript to a third-party (another person or group)
- Order your graduation certificate
- View your provincially awarded scholarships
- View your provincial graduation assessment and exam results
- Watch Help Videos on using the Student Transcript Service.

EMCS has four quarters, meaning that the school year is divided into 4 sections. Q1 September to November, Q2 November to February, Q3 February to April, Q4 April to June. Students take two courses in each quarter in addition to a year-long careers program, and any outside timetable choices. **It is critical for student to stay up to date with their work as they can quickly fall behind.**

Attendance – All students are expected to actively participate through effort and regular, punctual attendance, in their assigned educational program. When students are absent, parents/guardians should notify the school by email or telephone and send the students' individual teachers an email. Persistent unexplained absences may trigger an intervention by school counsellors or administrators. Attendance matters.

Na'tsa'maht Indigenous Education – We are fortunate to have a strong Na'tsa'maht Indigenous Education Department within our school. Our department is guided by our Na'tsa'maht agreement. Na'tsa'maht is a Coast Salish word for "we are all one".

COURSE PLANNING (GRADE 10 - 12)

The B.C. Certificate of Graduation, or Dogwood Diploma, is awarded to students who successfully complete the provincial graduation requirements. To graduate, students require at least 80 credits total.

For more information on BC's Curriculum visit <https://curriculum.gov.bc.ca/>

Course Fees, as applicable, are determined annually. Please contact an administrator if there is a financial need – no student will be denied educational opportunities due to financial constraints.

Credit Requirements (80 total – for Required Courses)
<ul style="list-style-type: none"> • 52 credits are required from the following: <ul style="list-style-type: none"> - 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, and a required 12 course (4 credits required at each grade – 12 credits total) - An Arts Education 10, 11, or 12 and/or an Applied Design, Skills and Technologies 10, 11, or 12 (4 credits total) - Career-Life Education (4 credits) and Career-Life Connections (4 credits)
<ul style="list-style-type: none"> • At least 28 credits must be elective course credits
<ul style="list-style-type: none"> • At least 16 credits must be at the Grade 12 level, including a required Language Arts 12 and the Career-Life Connections course
<ul style="list-style-type: none"> • In addition, students must also complete three Provincial Graduation Assessments: <ul style="list-style-type: none"> -Grade 10 Literacy Assessment, -Grade 10 Numeracy Assessment, and -Grade 12 Literacy Assessment. <p>French Immersion students will also write Évaluation de littératie – Immersion 12</p>

Choice Programs

<p>Academies</p> <p>-Hockey, Soccer, Eco Academy</p> <p>More information on Academies: https://www.sd62.bc.ca/programs-services/academies</p> <p>To apply: https://www.sd62.bc.ca/programs-services/academies</p>	<p>Advancement Via Individual Determination (AVID)</p> <p>AVID is yearlong course as it is paired with English and students use one elective choice for this course.</p> <p>More information on the program: http://avidsooke.weebly.com/</p> <p>To apply: http://avidsooke.weebly.com/applying-to-avid.html</p>
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Community and School Leadership

<p>Leadership</p>	<p>This is a yearlong course and occurs outside the timetable.</p>
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ENGLISH PROGRAM: REQUIRED COURSES

Career Education

Career & Life Education 10

MCLE-10

The BC Curriculum ensures that students learn about career-life education throughout their graduation program. Through a blended learning model (during focus block and in academic classes, face to face group classes, face to face connection with a Careers Teacher and work online) students will learn various aspects of career education. They will be learning how to find a balance between work and personal life which includes developing a network of family, friends, and community members to support and broaden their career awareness and options. Students will also learn how to be lifelong learners who can adapt to changing career opportunities as careers, education, and life opportunities change over time. Students will learn how to effectively career plan by considering both internal and external factors. They will discuss how the global economy affects our personal, social and economic lives and prospects. Overall, students will learn how successful career and educational paths require planning, evaluating and adapting.

Career-Life Connections A

MCLCA12

The BC Curriculum ensures that students learn about career-life education throughout their graduation program. Career-Life Connections (CLC) is taught through a blended 24 learning model. There will be assemblies, small group gatherings, face to face connections with a career's teacher, and an online Google Classroom, where they will find their learning material and assignments. CLC builds upon the skills and content of Career-Life Education 10 and will have students working on career-life development, including ongoing cycles of exploring, planning, reflecting, adapting, and deciding. They will learn and discuss internal and external factors, both locally and globally, that will influence their career-life decisions, including how they represent themselves in personal and public profiles. Students will engage in networks and reciprocal relationships, including having a mentor, who will help guide and broaden their career-life awareness and options. Finally, students will continue to learn about career-life balance, personal supports, and their well-being. Along with the course content, CLC requires students to create and present a Capstone project in their Grade 12 year.

Capstone 12 Career-Life Connections B

MCLCB12

All Grade 12 students will be required to present a Capstone project as a Ministry of Education graduation requirement. The Capstone project is an opportunity for students to showcase their strengths, passions, academic and emotional growth, and postsecondary aspirations. Students throughout their high school years will have prepared for the Capstone project by collecting meaningful evidence stored in a portfolio on my Blueprint. Students will have worked with a mentor selected in Grade 10. The role of the mentor will have been to engage in ongoing career-life development conversations. Students are encouraged to build connections with community networks through work-related opportunities, job shadowing, or volunteer arrangements. The Capstone project's final grade will be based on a 12 to 15-minute presentation. Students will be marked on how well they have met the Ministry of Education's Core Competencies. The Capstone Project must be presented in a clear, logical well-rehearsed format with a supporting visual product. There needs to be evidence of critical and creative thinking, importance of personal awareness and responsibility, and growth in the area of positive, personal identity. The Capstone presentation is an opportunity for students to reflect and share their personal interests and strengths.

Work Experience

For those students with a paid part-time job or summer position, credit may be given for the hours worked if the student is employed in a field they plan to continue in after high school. Students can

receive work experience hours through a standard work site, non-profit or volunteer organization, job shadowing, career mentoring, or hands-on work experience at a non-standard work site like a school district wood lot or garden. A total of 100 hours of work experience is required for the work experience credit. These hours can be logged over a one-year period. Students must complete a written assignment as part of the course requirements. This is a completion-based course and all criteria must be met to receive credit for the course. Students who have completed the WEX-12A course are eligible to continue with the WEX-12B course. Students are required to complete a written assignment, and 100 hours of logged time. Students may be able to use their hours from a paid part time position or have the work experience staff find a school approved work placement. This course is structured to help students explore career options. **Prerequisite:** Completion of Career Life Education

Work Experience 12A

MWEX-2A

For those students with a paid part-time job or summer position, credit may be given for the hours worked if the student is employed in a field they plan to continue in after high school. Students can receive work experience hours through a standard work site, non-profit or volunteer organization, job shadowing, career mentoring, or hands-on work experience at a non-standard work site like a school district wood lot or garden. A total of 100 hours of work experience is required for the work experience credit. These hours can be logged over a one-year period. Students must complete a written assignment as part of the course requirements. This is a completion-based course and all criteria must be met to receive credit for the course. **CREDIT:** 4 - Extra Credit/Outside Timetable **GRADE:** 10-12

Work Experience 12B

MWEX-2B

Students who have completed the WEX-12A course are eligible to continue with the WEX-12B course. Students are required to complete a written assignment, and 120 hours of logged time. Students may be able to use their hours from a paid part time position or have the work experience staff find a school approved work placement. This course is structured to help students explore career options. **CREDIT:** 4 Extra Credit/Outside Timetable **GRADE:** 12

English Language Arts

Literary Studies 10/ Composition 10

MLTST10/ MCMPS10

The curricular competencies of Composition and Literary Studies 10 are to continue the development of language proficiency in reading, writing and oral communication. Through guided practice, students will develop their abilities in understanding, interpreting, analyzing and evaluating written work as well as being able to make connections between various writers and their own lives. Poetry, short story, the novel, drama as well as exposition will be studied. Students will be given several opportunities to explore writing in these forms as well as to continue the reading and writing workshop. Editing and understanding the conventions of the language will be continued not only in writing but also in speaking. The oral component of the language will be developed through participation in informal discussions as well as in formal presentations. The use of the writing process and the completion of journals and/or portfolios will continue as a learning and an evaluation tool. As students gain proficiency in these areas, they will continue to grow as members of the larger community. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.

(Students are expected to take a Graduation Literacy Assessment in their Grade 10 year.)

New Media 10/Creative Writing 10

MNMD10/MCTWR10

This English program of study is designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas, while allowing

for students to express themselves to demonstrate a critical understanding and communication of ideas creatively through writing and a variety of other digital and print media formats. The course explores tasks and texts designed to introduce students to the study of New Media, focusing on the four key concepts of Media Language, Institutions, Audience and Representation while exploring media and film, journalism and publishing as well as digital communication. The course will also provide students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements. (Students are expected to take a Graduation Literacy Assessment in their Grade 10 year.)

English First Peoples Literary Studies 10/English First Peoples Writing 10

MEFLS10/MEFWR10

This course is intended for both Indigenous and non-Indigenous students. It represents an invitation to all learners to explore and discover First Peoples worldviews through the study of literary, informational and media texts with local Canadian and international First Peoples content. EFP Literary Studies and Writing 10 provides opportunities for all 32 students to engage with First Peoples creative expression as well as enter the words and worlds of First Peoples provincially, nationally, and internationally. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text, including oral story, speech, poetry, dramatic work, dance, song, film, and prose (non-fiction and fiction). EFP Literary Studies and Writing 10 is the academic equivalent of any other English 10 course. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.

(Students are expected to take a Graduation Literacy Assessment in their Grade 10 year.)

Composition 10/ Literary Studies 10

MCMP10C/MLTST10C

Formerly called English 10 Core (MEN-10C), this program has been established to support students who have struggled with grade 9 or 10 written language courses. This program is designed to develop basic skills, thereby provide students with the tools to experience success. The English First Nations Writing and Literacy Studies 10C course explores topics of relevance to First Nations Peoples. This course celebrates cultural knowledge through invited guests, written text, graphic novels, poetry, film, oral story, speech, and shared conversation. The EFP is an academic course but is self-paced within the time constraints of the quarter system. This course prepares students for English 11 courses, Genocide Studies 12, Social Justice 12, Contemporary Indigenous Studies 12, and others.

(Students are expected to take a Graduation Literacy Assessment in their Grade 10 year.)

Composition 11

MCMP11

Composition 11 is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study 33 compositions by other writers and be exposed to a variety of styles as models for the development of their writing, including narrative, expository, descriptive, persuasive and opinion writing. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of writing for a range of situations. They will develop confidence in their abilities as they consolidate their writing craft. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.

Creative Writing 11

MCTWR11

Creative Writing 11 is designed for students who are interested in developing confidence and refining their writing skills through self-expression for various creative purposes. The course provides students with in-depth opportunities to explore personal and cultural identities, memories, and stories in a wide range of genres, including short fiction and poetry, creative non-fiction and memoirs. Within a supportive community, students will collaborate and strengthen their skills through writing and design processes. Creative Writing 11 is grounded in the exploration and application of writing processes, inviting students to express themselves creatively as they reflect on, adjust, and extend their writing skills. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.

Literary Studies 11

MLTST11

Literary Studies 11 allows students to delve deeply into literature. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of texts. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time: increases their literacy skills through close reading of appropriately challenging texts; enhances their development of the English Language Arts curricular competencies, both expressive and receptive; expands their development as educated global citizens; develops balance and broadens their understanding of themselves and the world; and further develops higher-level thinking and learning skills. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.

New Media 11

MNMD-11

New Media 11 is a program of studies designed to reflect the changing role of technology today and the increasing importance of digital media in communicating and exchanging ideas. This course is intended to allow students and educators the flexibility to develop an intensive program of study centered on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 11 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording numerous opportunities to demonstrate understanding and communicate increasingly sophisticated ideas through a wide variety of digital and print media. Compared with New Media 10, New Media 11 features tasks and texts of greater complexity and sophistication. As well, the Grade 11 course extends the depth and breadth of topics and activities offered in New Media 10, expanding on the four key concepts of Media Language, Institutions, Audience and Representation to include Genre, Narrative and Ideology. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.

English First Peoples Literary Studies & Writing 11

MEFLS11

Intended for both Indigenous and non-Indigenous students, EFP Literary Studies and Writing 11 is designed for students who are interested in studying First Peoples literature and using writing for self-expression and communication in a variety of contexts. Guided by the First Peoples Principles of Learning, students delve deeply into authentic First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own writing. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful compositions. Through the study of literature and the processes of experimenting with, reflecting on, extending, and refining their writing, students will

extend their capacity to communicate effectively in a variety of contexts, deepen their understanding of themselves and the world, and expand their understanding of what it means to be educated Canadian and global citizens. EFP Literary Studies and Writing is the academic equivalent to any other English 11 course. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.

Composition 11/ English Studies 12 for English Language Learners

MCMPS11 ISP/MENST12 ISP

Students who require extra assistance with English instruction as they are new to the language have the option of taking English Composition 11 and English Studies 12 in a linear, cohort mode. This allows for greater flexibility to adapt the delivery and pacing of content based on the language needs of students learning English.

(Students are expected to take a Graduation Literacy Assessment in their Grade 12 year.)

English Studies 12

MENST12

This required English Studies 12 course builds on and extends students' previous learning experiences in ELA and EFP 10 and 11 courses. It is designed for all students and provides them with opportunities to:

- refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals
- think critically and creatively about the uses of language
- explore texts from a variety of sources, in multiple modes, that reflect diverse worldviews
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that shape identity
- appreciate the importance of self-representation through text
- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
- expand their understanding of what it means to be educated Canadian and global citizens

Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements

(Students are expected to take a Graduation Literacy Assessment in their Grade 12 year.)

English First Peoples 12

MENFP12

This course is the academic equivalent to the required English Studies 12. EFP 12 builds upon and extends students' previous learning experiences in ELA and EFP 10 and 11 courses. The course is grounded in the First Peoples Principles of Learning. It is designed for all students, Indigenous and non-Indigenous, who are interested in delving deeply into First Peoples oral and written literature and visual texts in a range of media. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text, including oral story, poetry, song, performance, film, and prose. A key feature of the course is its focus on authentic First Peoples voices (i.e., historical or contemporary texts created by or with First Peoples). In EFP 12, all students:

- examine texts grounded in a diversity of First Peoples cultures, including local First Nations or Métis communities
- extend their capacity to communicate effectively in a variety of contexts
- think critically and creatively about the uses of language
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that have shaped and continue to shape their own identities
- appreciate the importance of self-representation through authentic First Peoples text

- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples

- expand their understandings of what it means to be educated Canadian and global citizens

While the focus in EFP 12 is primarily on First Peoples voices from British Columbia, students also engage with texts that reflect First Peoples perspectives from elsewhere in Canada and throughout the world. Students will develop the English language and literacy skills and capacities they must have in order to meet British Columbia’s graduation requirements.

(Students are expected to take a Graduation Literacy Assessment in their Grade 12 year.)

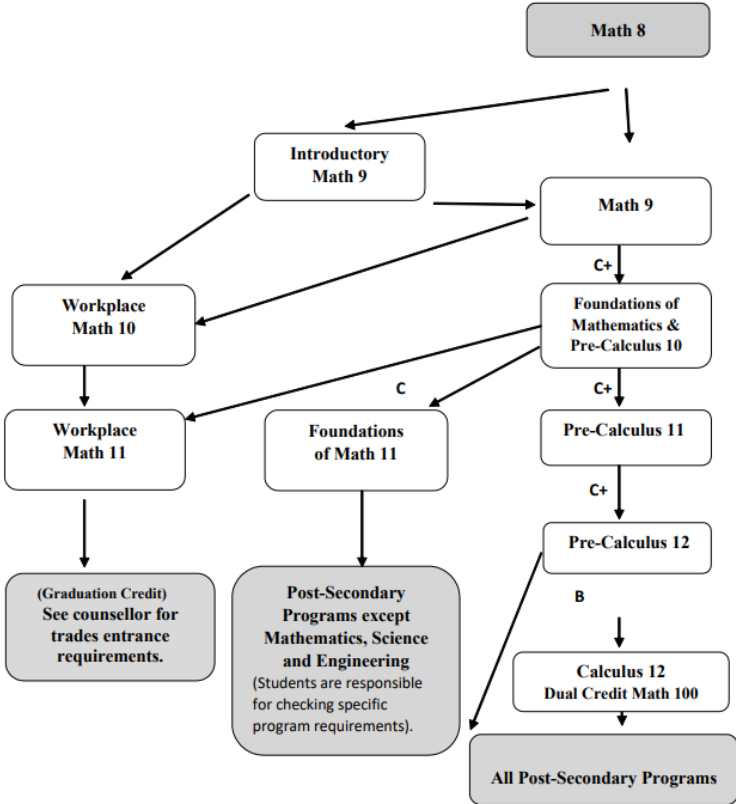
English Language Learner Support (ELL) YESFL--

Additional courses and support are available for students who are learning English as an additional language. Depending on student needs, the following courses may be offered: English Language Development 10A, 10B, 11A, 11B, 12; ELL Academic Literacy 11, 12; ELL Strategies for Success 10, 11, 12; and Intro to Academic Language and 38 Functional Grammar 10. Students must talk to counsellors and international student programming staff to determine what supports are best for them.

Mathematics

Students obtaining less than a C+ in Math 9, or Foundations of Math & Pre-Calculus 10, or Pre-Calculus 11 have a risk of failure at the next grade level. It is recommended that these students discuss the options with their counsellors including the possibility of repeating the course or switching pathways.

MATH MAP



Important Note to Students Entering Grade 10 Math: EMCS offers two courses at the Grade 10 level representing the two math pathways through high school. Your choices are Workplace Math 10 or

Foundations of Mathematics and Pre-Calculus 10. Please read the details for these courses as well as the following general descriptions of the two pathways

Workplace Math 10

MWPM-10

This pathway is designed to provide students with the mathematical understanding and critical thinking skills required for the trades and direct entry into the workforce. Workplace 11 fulfills the math requirement for graduation; however, the credits for this course are NOT accepted by universities or many college programs. Please see your counsellor for vocational/trades entrance requirements.

Foundations of Mathematics & Pre-Calculus 10

MFMP-10

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies. This course leads to Pre-Calculus 11 or Foundations of Mathematics 11. Topics: Integral exponents, relationships between data and graphs, linear relations, solving systems of linear equations, polynomials, primary trigonometric ratios, arithmetic sequences and financial literacy. **Required Equipment:** Scientific calculator **Recommended Prerequisite:** Math 9 with a C+ or better

Important Note to Students Entering Grade 11 Math: Your choice will depend on your math background (courses you took in Math 9 and 10) as well as your current career plans. See the information below as well as the math map in this booklet.

Workplace Math 11

MWPM-11

This pathway is designed to provide students with the mathematical understanding and critical thinking skills required for the trades and direct entry into the workforce. Workplace 11 fulfills the math requirement for graduation; however, the credits for this course are NOT accepted by universities or many college programs. Please see your counsellor for vocational/trades entrance requirements.

Foundations of Mathematics 11

MFOM-11

This pathway is designed for students who are planning on entering post-secondary education in disciplines not requiring the abstract math of pre-calculus. Please note that all institutions are different, and requirements may vary; it is the responsibility of the student to know what the math requirements are for his or her intended program of study.

Pre-Calculus 11

MPREC11

The pre-calculus pathway is the traditional “academic” route. Students who are thinking of mathematically intensive careers in science, engineering and computer science must take this route. However, any students who prefer the more abstract and conceptual approach to mathematics may also prefer this pathway. Pre-Calculus 11 provides a math entrance requirement into university or college for students taking non-mathematical programs. Students with career plans in math, sciences, engineering or computer science must also take Pre- Calculus 12. Topics: the real number system, powers with rational exponents, operations with radicals, factoring polynomials, rational functions and expressions, quadratic functions, linear and quadratic inequalities, trigonometry and financial literacy. **Required Equipment:** Scientific calculator **Recommended Prerequisite:** Foundations of Math & Pre-Calculus 10 with a C + or better

Pre-Calculus 12

MPREC12

This course is usually taken by students proceeding to university or college into mathematically intensive programs (such as mathematics, science, engineering and computer science or who would like to ensure math studies through Grade 12). It prepares the student for math beyond high school. Topics include transformations of functions, logarithms, geometric series, trigonometric equations and identities, rational and polynomial functions. **Required Equipment:** Scientific calculator **Recommended Prerequisite:** Pre-Calculus 11

Calculus 12

MCALC12

This challenging course prepares students for University Mathematics and/or Physical Science Programs. Topics include limits, derivatives, applications of derivatives and integration. Students selecting this course should have very strong math skills and exceptional work habits. **Required Equipment:** Scientific calculator **Recommended Prerequisite:** Pre-Calculus 12

Physical and Health Education

“People need to be active to be healthy” Canadian Society for Exercise Physiology /Health Canada the goal of the EMCS Physical Education Department is to provide a safe, secure and positive environment for students to learn to be physically active. We endeavor to accomplish this by providing a wide variety of sport and recreational activities that allow students to stay active thereby improving their personal level of physical fitness. Studies by the Canadian Association of Physical Education and Recreation have demonstrated that students participating in quality Physical Education activities gain the following benefits:

- IMPROVED ACADEMIC PERFORMANCE
- BETTER OVERALL HEALTH HABITS
- POSITIVE SELF ESTEEM
- IMPROVED SOCIAL SKILLS
- FEWER AGGRESSIVE TENDENCIES
- DECREASED SUSCEPTIBILITY TO STRESS

Physical Education classes at Edward Milne make a unique contribution toward the total education of our students, and are a means for stimulating mental, social and physical growth.

Requirements and Equipment

Students are required to wear appropriate PE clothing for all class activities. The strip students choose to wear should be comfortable and allow for full participation in all class activities. It should also be different from what the student wears to school each day so that dirty or wet strip does not create a problem in other classes. Separate runners and socks are a bonus since these items tend to get wet during outside activities. Shower facilities are available to all students.

Please note: The Physical and Health Education 10 course is a Ministry required credit towards the B.C. Graduation Program.

Our senior level courses have provided a welcome avenue for students who enjoy the personal fulfilment of daily activity in their lives as a positive way to cope with the heavy and difficult course load they face. The Active Health component will direct students towards the process necessary to approach their young adult lives with healthy physical, emotional and nutritional goals.

Physical & Health Education 10

MPHED10

Physical & Health Education 10 is a required course for the B.C. Graduation Program. The objectives of the course are to expose students to a variety of physical activities. Students will be instructed in the

basic rules, strategies and skills of team, individual and recreational activities and sports not covered in the PE 9 curriculum. Students will build upon and improve personal levels of physical fitness. A variety of team, dual, individual and alternative environment activities will be offered depending on weather, field conditions and availability of facilities. There is an emphasis on certain health topics which high school students may benefit from. Topics covered in this course include healthy relationships, substance abuse, vaping, sexual decision making, bullying, technology and teens, sexual orientation, and anxiety and depression. These are all current and relatable topics which can help many students to better manage their lives. Active Health units are also part of the Grade 10 curriculum and cover such topics as first aid, stress management, training principles, nutrition, and healthy lifestyles.

Active Living 9/10

MPHED10AL

Active Living was created as an alternative to the regular Physical & Health Education program. It is designed to develop activities that provide knowledge and promote lifelong health and fitness. Students enrolled in Active Living will have a choice on how to meet the learning outcomes of the course via the activities survey. Students will engage in a range of sports and individual activities. Typical activities include badminton, volleyball, yoga, fitness workouts, teambuilding, minor games, dance, etc. Students will also be exposed to guest speaker and instructors as well as attending field trips in their surrounding community. A.L. is open to anyone in Grade 10-12. Assessment will be based on health and well-being, safety and participation. **Course Fee: \$50**

Active Living 11/12

MACLV11

Active Living was created as an alternative to the regular Physical & Health Education program. It is designed to develop activities that provide knowledge and promote lifelong health and fitness. Students enrolled in Active Living will have a choice on how to meet the learning outcomes of the course via the activities survey. Students will engage in a range of sports and individual activities. Typical activities include badminton, volleyball, yoga, fitness workouts, teambuilding, minor games, dance, etc. Students will also be exposed to guest speaker and instructors as well as attending field trips in their surrounding community. A.L. is open to anyone in Grade 10-12. Assessment will be based on health and well-being, safety and participation. **Course Fee: \$50**

Golf Skills 10A/11A/12A

YHRA-0AGLF/YHRA-1GGLF/YHRA-2DGLF

This class is an elective and is available to both beginner and more experienced golfers. Student will have the opportunity to develop and refine basic golf skills thru demonstrations, video analysis, drills and game play. Student will gain a knowledge of golf's history and a respect for the etiquette of the game. Demamiel Creek Golf Course will be the home course of this class and will provide students with the opportunity to improve individual skills and enjoy the game. A recommendation from a previous PE teacher will be required to take this course. Students will be expected to maintain a high level of behavior in class and a respect for the course, instructors and course staff. Golf clubs are available to students who do not have their own. **There is an expected course fee of approximate \$75.**

Superfit Strength & Conditioning 10

YLRA-01

This course is an elective and has been developed for those students wanting a more comprehensive course in modern strength and conditioning principles. It would allow students to develop an individual FITNESS program based on their specific conditioning needs in different sports, and activities. Students will learn principles in such techniques as weight training, agility, and balance training, nutrition, and energy system usage and apply them to a self-designed program suited to their specific needs. 60 Students will be expected to develop and implement an individual strength and conditioning program. **COURSE NOTE:** This course is offered in the timetable. The out of the timetable option is a year-long

course. Weight room times will be provided once a week before school, once afterschool, and at lunch hours. All workout and fitness hours need to be tracked and verified.

Fitness and Conditioning 11

MFTCS11

This course is an elective and has been developed for those students wanting a more comprehensive course in modern strength and conditioning principles. It would allow students to develop an individual FITNESS program based on their specific conditioning needs in different sports, and activities. Students will learn principles in such techniques as weight training, agility, and balance training, nutrition, and energy system usage and apply them to a self-designed program suited to their specific needs. Students will be expected to develop and implement an individual strength and conditioning program. All workout and fitness hours need to be tracked and verified. Since this is a year-long course 20 hours a term will be required. Students will be able to complete THE course early. Weight room times will be provided once a week before school, once afterschool, and at lunch hours. Students will be required to check in and log their hours. This course is offered in the timetable.

Fitness and Conditioning 12

MFTCS12

This course is an elective and has been developed for those students wanting a more comprehensive course in modern strength and conditioning principles. It would allow students to develop an individual fitness program based on their specific conditioning needs in different sports, and activities. Students will learn principles in such techniques as weight training, agility, and balance training, nutrition, and energy system usage and apply them to a self-designed program suited to their specific needs. Students will be expected to develop and implement an individual strength and conditioning program. All workout and fitness hours need to be tracked and verified. Since this is a year-long course 20 hours a term will be required. Students will be able to complete the course early. Weight room times will be provided once a week before school, once afterschool, and at lunch hours. Students will be required to check in and log their hours. This course is offered in the timetable.

Sports Performance – Basketball 10/11/12

YHRA-OBBS

This course is geared towards the basketball player who wishes to improve performance. This will be a multi-graded class (9/10 in one class, 11/12 in another)/ Students will work on basic skills, strategies, and concepts related to basketball. Additionally, students will be able to train, using weights and plyometrics, to improve performance. Assessment: Based on daily BEAP (Behavior, Effort, Attitude, and Participation), fitness standards, and performance of basic skills. **Recommended Prerequisite:** Prior experience playing basketball is preferred.

Recreation 11/12

YLRA-1N/YHRA-2D

Senior Rec 11/12 is an elective and emphasizes the preparation for an active and healthy lifestyle after students leave school. Students will participate and develop skills in a variety of physical activities that have the potential for lifelong involvement. Lifetime sports and leisure activities are the major focus. The program will consist of activities which use both school and community facilities. The choice of activities will be made by individual classes from the following options: hikes, badminton, basketball, ultimate frisbee, volleyball, aerobics, ice skating, minor games, racquet sports, weight training and various community-centered leisure activities. Students will be required to provide 10 hours of leadership and volunteer time at the school in athletics or within the community in sports or recreation related activities. Students must complete these hours to pass the course. **NOTE:** Field trips for all senior PE courses will continue to be part of the course. Students will be required to pay for field trips that they attend.

Science

Marine Biology 10

YPLS-0B

Marine Biology 10 is an academic elective designed for students who are interested in studying the oceans, its diverse habitats and the many forms of sea life. This course offers students an opportunity to do detailed studies on marine creatures suited to their interests; learn how organisms and environments are studied, protected, and given exposure to careers in marine sciences. Topics include: - Marine Mammals: dolphins, seals & whales - Marine Ecology: food webs, plankton & seaweed - Extreme Environments (Abyss & Hot Vents); Creatures of the Deep - Sharks & Fishes: cookie cutter sharks to puffer fish; shark dissection - Beach Studies: critters found in tide pools, rocky and sandy shores. Field studies to local beaches, aquarium care, and active participation are part of the curriculum. Course work includes lab work, dissections, lectures, research and internet projects. It is strongly recommended that students interested in this course have a keen interest in Science. EXAMPLES OF FIELD TRIPS: Beach clean-up; whale watching; tide pooling; specimen collecting **Course Fee (subject to Board approval): \$50.00. COURSE NOTE:** This course is an ELECTIVE and does NOT meet the science 10 requirement for graduation. This course is open to Gr. 9 & 10 students.

Science 10

MSC--10

This course includes the further study of the processes of Science. Topics of study include: The Scientific Method and Experimental Procedures; Biology (DNA and Genetics); Chemistry (Atomic theory and Chemical reactions); Physical Sciences (Energy transformations, Nuclear energy and Radioactivity); and Space Science (Formation of the Universe). Assessment is based on assignments, lab reports, inquiry-based projects, unit tests and a final exam.

Science 10 Core

MSC—10C

The Core Program has been established to support students who have struggled with Grade 9 or 10 academic courses. This program is designed to enhance basic skills and provide students with the opportunity to continue their education. Science 10 Core prepares students for Science for Citizens 11 or Environmental Sciences 11.

Life Sciences 11

MMLFSC11

Life Sciences 11 studies a wide range of organisms using the following big ideas as guiding themes: Life is a result of interactions at the molecular and cellular levels; Evolution occurs at the population level; and Organisms are grouped based on common characteristics. The course delivery is divided into five topics: 1. Adaptation and Evolution; 2. Microbiology (virus to protists); 3. Mycology (fungi); 4. Plant Biology (algae to flowering plants); 5. Animal Biology (sponges to frogs). Assessment is based on assignments, lab reports, inquiry-based projects, tests and a final exam.

Chemistry 11

MCH--11

Chemistry 11 is a survey course that gives the student a feel for what chemistry is all about. It unifies many ideas taught separately in junior science courses. Students should be comfortable with algebra as Chemistry 11 relies heavily on basic math skills. A historical perspective is used in presenting concepts such as the scientific method, the atomic model, and the periodic table. Other topics covered are chemical names and formulas, types of reactions, stoichiometry, solution chemistry and an introduction to organic chemistry. Communicating knowledge through formal laboratory reports is emphasized. The student will learn to present ideas in a clear, concise format. Assessment is based on assignments,

inquiry-based laboratories, tests and a final exam. **Course Fee: Strongly recommend purchasing a \$10 workbook.**

Physics 11

MPH--11

Physics 11 is a general course that introduces students to the main ideas and principles of physics. Topics covered include error analysis, one dimensional kinematics and a graphical description of motion, Newton's laws of motion, energy, power and momentum, simple machines, circuits, nuclear physics, waves and geometrical optics. Emphasis is placed on developing a mathematical approach to problem solving. Although many equations are used, they do not have to be memorized. Rather, understanding their meaning and usage is encouraged. A solid background in mathematics (C+ or better in Foundations of Math & Pre-Calculus 10) is a strongly recommended prerequisite. Assessment is based on assignments, inquiry-based laboratories, tests and a final exam.

COURSE NOTE: A strong background in math is necessary. A C+ or better in Foundations of Math & Pre-Calculus 10 is recommended.

Science for Citizens 11

MSCCT11

This course looks at the way that science impacts our daily lives and how natural changes and human changes affect global systems. As well, this course will explore science's everyday uses and safety implications in the workplace. The following topics will be studied: Personal/Home Science: Nutrition and lifestyle, allergies, medications and supplements, household chemicals, home automation, home electronics and home appliances. Scientific Literacy: Informed decision making and science versus pseudoscience. Local/Workplace Science: Waste recycling processes, landfills, chemical safety, forensic science. Global Science: Extreme weather events, disaster preparedness, agricultural sciences, energy generation and sustainability.

COURSE NOTE: This course meets the Science 11 requirement for high school graduation but is not recognized for university entrance.

Environmental Science 11 & Outdoor Education 12

MEVSC11/MODED12ES

Environmental Science 11 and Outdoor Education 12 are paired courses that provide students with exceptional opportunities to investigate local natural environments. Current topics of environmental concern to British Columbia will be considered. This course helps students to develop ethical, responsible decision making and critical thought, leadership and problem-solving skills to address a variety of environmental concerns. Environmental Science 11 covers the academic portion of the course and is organized into units investigating waste and recycling, climate change, fisheries and aquaculture, forestry, food sciences, and ethnobiology and marine ecology. First Nations traditional ecological knowledge and wisdom will be considered throughout the course and an ecological world view will be promoted. Students will have the opportunity to work with UVic Science Ventures programs in partnership with members of the T'Souke First Nations. Emphasis will be placed on participation and journaling as well as individual and group projects. The Outdoor Education 12 portion of the course engage students in many outdoor hikes, wilderness First Aid training, and introduces students to the importance of understanding the human impact on ecosystems. Outdoor Education 12 has a significant outdoor component and students must be prepared for a range of weather conditions. Students will be expected to take part in weekly hikes throughout the Sooke region. This program consists of two class periods in Semester two. Students will receive eight credits: Environmental Science 11 (4 credits) and Outdoor Education 12 (4 credits). **Course Fee: A \$100 Course Fee covers costs for school bus transportation to weekly outings and hikes. There is also a \$50 fee for an optional multi-day camping trip to Galiano Island to study restoration ecology with the Galiano Island Conservancy Association.**

TIMING: Please note that this course is offered only in the Spring. With increased responsibility required of students while participating in settings away from the school such as field trips, overnight excursions and community partnerships, a selection process is necessary for this course. Students may be selected for this course based on a recommendation from previous teachers.

COURSE NOTE: This course meets the Science 11 requirement for high school graduation.

Anatomy & Physiology 12

MATPH12

This course focuses primarily on human biology. The learning outcomes start with cell structure and processes and work their way through organ systems. 1. Cell Biology: cell structure and function, cell compounds, biological molecules and DNA. 2. Cell Processes: protein synthesis, cell membrane, enzymes and cancer. 3. Human Biology: digestion, circulation, respiration, nervous system, urinary system, and reproduction. Assessment: For each unit students are expected to complete a set of homework questions, a hands-on lab assignment and a unit exam. Students will complete laboratories on cell regulation, enzymes, urinalysis, and dissections of a sheep's heart, fetal pig and pig organs. Students are assessed on tests, inquiry-based laboratories, homework assignments and a final exam.

Chemistry 12

MCH--12

Chemistry 12 builds on the concepts developed in Chemistry 11. The Chemistry 12 curriculum covers fewer topics than Chemistry 11 but goes into greater depth. Emphasis on lab work and report writing continues. Course content includes rates of reaction, the theory of chemical equilibrium, solution chemistry, acid/base chemistry and oxidation/reduction concepts. Although Chemistry 12 does not involve a great deal of math, the student should be comfortable with manipulating and solving equations. Assessment: Marks are awarded for tests, laboratories, homework assignments, and a final exam. **Course Fee: Strongly recommend purchasing a \$25 workbook.**

Physics 12

MPH--12

Physics 12 extends many of the ideas introduced in Physics 11. Whereas Physics 11 deals mainly with one dimensional problem, Physics 12 considers two-dimensional motion. Course content includes vectors and vector applications, static equilibrium, two-dimensional kinematics, dynamics (Newton's Laws of motion), energy, power and momentum, circular motion and gravitation, a glimpse at Einstein's theory of relativity, electrostatics and DC circuit analysis, magnetism and electromagnetic induction. Physics 12 stresses the use of mathematics as a tool in problem solving. The student should have a solid math background for Physics 12. Assessment: Marks are awarded in each unit for tests, homework assignments, laboratory exercises and a final exam.

COURSE NOTE: A strong background in math is required for this course. Pre-Calculus 11 with a C+ or better is recommended.

Social Studies

Social Studies 10

MSS—10

This course is a continuation of the work done in Social Studies 9. It pays close attention to the study of Canadian society, culture, law, and history from 1919 to present day. The Social Studies 10 curriculum provides students with opportunities to critically reflect upon events and issues and make connections. Through their participation in social studies, students are encouraged to develop an appreciation of

democracy and what it means to be Canadian; demonstrate respect for human equality and cultural diversity; think critically, evaluate information, and practice effective communication.

Social Studies 10 Core

MSS—10C

The Core Program has been established to support students who have struggled with Grade 9 or 10 academic courses. This program is designed to enhance basic skills and provide students with the opportunity to continue their education. Social Studies 10 Core is self-paced within the time constraints of the semester and prepares students for success in senior social studies courses.

Contemporary Indigenous Studies

MINST12

In Contemporary Indigenous Studies students will examine the identities, worldviews and languages of many Indigenous cultures and explore how these are connected through the land. This course will focus on the ongoing struggles of many Indigenous communities worldwide in reclaiming their well-being despite the continued effects of colonialism. Students will learn the importance of Indigenous self-determination and the empowerment of many Indigenous communities. This course will also focus on the reconciliation required by all colonial societies to address injustices. This course will involve many guest speakers and hands on activities and will primarily focus on a project-based style of assessment.

20th Century World History 12

MWH--12

20th Century World History 12 is a study of the forces that shaped the 20th century. It is an academic course designed to provide skills to prepare students for further studies at the post-secondary level, including the writing of a major research paper. This is a project-based class where students will show their understanding of the learning standards through a variety of assessment. Students will also participate in discussions and debates. Some of the topics examined may include, but are not limited to: The Russian Revolution, communism, the impact of the two world wars, the Cold War, China, India, the civil rights movement, conflict in the Middle East, and the emergence of the new modern era.

Genocide Studies 12

MGENO12

The aim of Genocide Studies 12 is to gain a deeper understanding of the political, legal, social and cultural impacts of genocide. By questioning the historical and moral implications of human rights violations and crimes against humanity, students will be able to explore their own identities and become more engaged responsible global citizens. Students will use inquiry to understand the stages leading up to genocide as well as the recognition, response and sometimes denial of genocide. Students will research various incidences of genocide both historic and current, to understand the specific differences as well as the similarities that enable genocide to occur. COURSE NOTE: This course will deal with sensitive subject material.

Law Studies 12

MLST-12

Law Studies 12 is an introductory course which will guide students in understanding the legal rights and responsibilities of all Canadians. Students will gain knowledge in criminal and civil law and understand how society's laws and legal frameworks affect aspects of people's daily lives. Students will understand the structures of government and the court systems. Students will understand the Constitution of Canada and our Charter of Rights and Freedoms and how these fundamental rights allow all citizens to participate more fully in society. Students will understand that laws are interpreted, and these interpretations evolve over time as society's values and worldviews change.

Human Geography 12**MHGEO12**

Geography 12 is the study of the physical, natural and human elements of the global environment and is particularly concerned with interrelationships and interdependencies among these elements.

Geography 12 students will learn about physical geography, including: weather, climate, soils, ecosystems, geology and erosional processes. Students will also learn about human geography, which is the study of patterns and processes that shape human interaction with the environment. The course will provide students with an understanding of how humans shape the planet and in turn are shaped by the planet. Many global and regional environmental issues of importance to Canadians today are discussed in the class.

Social Justice 12**MSJ--12**

The goals of Social Justice 12 include: recognizing and understanding the interconnectedness of social justice issues and how our individual worldviews shape and inform our understanding, recognizing that the causes of social injustice are complex and have lasting impacts on society, and demonstrating how social justice initiatives can transform individuals and systems. Themes studied may include poverty, indigenous issues, human rights, racism and ethnocentrism, LGBTQ issues, the status of women, environmental and ecological justice, peace, and globalization. This is a participatory course that requires self-analysis, social analysis, respect for diversity, a willingness to act and a willingness to respectfully discuss controversial issues. Assessment is based on a variety of projects throughout the course.

Psychology 11**YPSYC1A**

Why do we behave the way we do? Open to all Grade 11 and 12 students, this course serves as an introduction to the field of Psychology, the study of the human mind and behavior. Some of the topics to be covered include psychological disorders, theorists, the human mind, personality development, childhood & adolescent development, conditioning and motivation. Students will learn about themselves and those around them by studying the attempts to explain and predict why people behave, think and feel as they do. This is an academic course that will include readings, assignments, experiments, presentations, term projects and unit tests. Psychology courses do not qualify as senior social studies courses for the purpose of meeting the graduation requirements. They are elective courses only.

Psychology 12**YPSYC2A**

This course will cover issues which include research methods, human development, motivation, personality, social psychology, psychological disorders, biopsychology, sensations and perceptions, as well as, stress and health. This academic course includes readings, assignments, projects, quizzes, presentations, participating in experiments, and performing experiments. This is an excellent course for students who may wish to pursue post-secondary studies in the Social Sciences as a basis of training for the numerous opportunities in the world of work. Psychology courses do not qualify as senior social studies courses for the purpose of meeting the graduation requirements. They are elective courses only.

FRENCH IMMERSION PROGRAM: REQUIRED COURSES

French Immersion courses are offered in Grades 9, 10, 11 & 12. Please speak with French Immersion Teachers if you are interested in additional exchange opportunities. With the successful completion of the French Immersion Program, students will earn their Dual-Language Dogwood Diploma. This is useful for post-secondary application and for employment opportunities. The following courses are required as part of the EMCS French Immersion program:

- Grade 9: Sciences, Français Langue, Sciences Humaines, Career-Education
- Grade 10: Sciences, Français Langue, Sciences Humaines, Career-Life Education
- Grade 11: Langue et Culture de la Francophonie, Explorations en Sciences Humaines
- Grade 12: Français Langue (required), AP French 12 Évaluation de littérature.

Français Langue 10

FFRAL10

Students will learn communication skills which will enable them to engage in spontaneous communication in real life situations. The following competencies in French form the basis of this course: oral and reading comprehension of French - listening and reading oral and written production of French - speaking and writing. The students learn to refine their oral and written language skills through applied grammar and the following project-based activities: literary studies (short stories and poetry), media studies (films, videos and songs), social interactions (dialogues and excursions) francophone culture studies. There is also an emphasis on sociolinguistic engagement where students collaborate with partners or groups for activities and assessments.

Sciences 10

FSCF-10

This course includes the further study of the processes of Science. Topics of study include The Scientific Method and Experimental Procedures; Biology (DNA and Genetics); Chemistry (Atomic theory and Chemical reactions); Physical Sciences (Energy transformations, Nuclear energy and Radioactivity); and Space Science: (Formation of the Universe). Assessment is based on assignments, lab reports, inquiry projects and tests.

Sciences Humaines 10

FSCH-10

Social Studies 10 continues student development of inquiry and critical thinking skills on issues connected to Canada and the world in the 20th and 21st centuries. Some topics include; global and regional conflicts, government systems, historical wrongs, and impacts on the environment that challenge Canada and international communities. Indigenous as well as historical and contemporary perspectives are incorporated into the class. Students will learn about Canada's place in the world and how they can participate in both Canada and the global community.

Langue et Culture de la Francophonie 11

FCLF-11

Students learn to further refine their French listening, reading, speaking and writing skills through applied grammar, as well as through literary, media and francophone culture studies. Class attendance and participation in French are essential components of this course as there is an emphasis on sociolinguistic engagement where students collaborate with partners or groups for activities and assessments. The students read for enjoyment and to better understand themselves and the francophone world. The students learn to think critically, creatively, and reflectively in order to explore ideas within, between, and beyond texts. The students take on the roles of actors, poets, writers, philosophers and leaders within the French classroom. The students self-correct their language skills and develop their style of writing using the subtleties of French language. The students learn to be responsible for and reflect upon their own engagement and learning. The students construct meaningful personal connections between self, text, and world. The students reflect on their role and future as a bilingual person living in a bilingual country.

Explorations en Sciences Humaines et Sociales

FEPSS11

This is the ideal course for students who are interested in a solid foundation for further Social Studies courses and is a requirement of Grade 11 French Immersion students. It offers an opportunity to

enhance Social Studies skills such as assessing historical significance, examining various kinds of evidence, considering different perspectives, and making ethical judgements. It will also meet the needs of students who are unsure of what they wish to study at the Grade 12 level, as it offers a sampling of various courses including 20th Century World History, Comparative Cultures, Political Studies, and Contemporary Indigenous Studies. This course will satisfy the new Graduation requirements for Social Studies and provide opportunities for individual choice and inquiry in a supportive community of learners.

Francais Langue 12

FFRAL12

Students learn to further refine their French listening, reading, speaking and writing skills through applied grammar, as well as through literary, media and francophone culture studies. Class attendance and participation in French are essential components of this course as there is an emphasis on sociolinguistic engagement where students collaborate with partners or groups for activities and assessments. The students read for enjoyment and to better understand themselves and the francophone world. The students learn to think critically, creatively, and reflectively in order to explore ideas within, between, and beyond texts. The students take on the roles of actors, poets, writers, philosophers and leaders within the French classroom. The students self-correct their language skills and develop their style of writing using the subtleties of French language. The students learn to be responsible for and reflect upon their own engagement and learning. The students construct meaningful personal connections between self, text, and world. The students reflect on their role and future as a bilingual person living in a bilingual country.

ELECTIVE COURSES

Business Education & Information and Communications Technology

Computer Studies 10

MCSTU10

Computer Studies 10 is an Applied Design, Skill, & Technologies course for students curious about Computer Science and Web Development. The course encompasses evolving processes, systems, and tools for creating, storing, retrieving, and modifying information. Students will design and share projects, think critically, and develop literacies for using technology in beneficial ways. In Computer Studies 10, students will research, observe, and apply knowledge to develop competencies in the following areas: Coding/Programming; Computer Studies (i.e. hardware/software digital data, the internet); Video Game Design; Productivity Tools (e.g., spreadsheets, presentation, photo editing); Typing; and Web development. This course is open to students of all levels and abilities.

Computer Programming 11

MCPR11

Computer Studies 11 builds on the skills developed in Computer Studies 10. There is an opportunity for student choice of projects and focus. We will explore themes such as the design cycle, digital literacy, and digital citizenship. Students will create, share, and critically evaluate products and the effects of digital technologies. Topics of study will include: Computer Programming/Coding; App Design and Creation, Programming for Digital Graphics and games, and Data and the Internet. Students will design and create digital projects to showcase their learning.

Computer Programming 12

MCPR12

Computer Programming 12 builds on the skills developed in Computer Programming 11, and as a modular based course invites student to personalize their coursework and focus. Course themes include applications of computer science, digital ethics, the design cycle, digital literacy, and digital citizenship. Topics

of study will include: Computer Programming/Coding for creating digital images, apps, or games; Computer Science, Data Management, and programming language development (JavaScript, Python, others). Students will be expected to design, share, and adapt knowledge in critical, ethical, purposeful, and innovative ways as they gain perspective on the longterm implications of life in a digital, connected world and develop literacies to responsibly take ownership of such technologies to augment learning and benefit society.

Digital Media Development

MDMD-12

Digital Media Development 12 builds on the skills developed in Computer Studies 10, and as a modular based course invites student to personalize their coursework and focus. Course themes include applications of computer science, digital ethics, the design cycle, digital literacy, and digital citizenship. Topics of study will include: Computer Programming/Coding for game design, app creation, and/or web development: with options for 2D image editing and 3D modelling. Students will be expected to design, share, and adapt knowledge in critical, ethical, purposeful, and innovative ways as they gain perspective on the long-term implications of life in a digital, connected world and develop literacies to responsibly take ownership of such technologies to augment learning and benefit society.

Home Economics & Culinary Arts

Food Studies 10

MFOOD10

Explore the cuisine of BC while you gain basic cooking and baking skills. Learn nutrition know-how beyond fast foods. Recipes will vary from baking to full meal preparation. Kitchen activities will include quick breads, cookies, cakes, soups, pastas, light lunches, healthy snacks, vegetarian items and ethnic meals. Students will learn about food systems issues for Vancouver Island and beyond while learning how to make informed decisions about the food they buy and consume. Students will also explore seed to plate through hands-on activities in the school garden and visits to local farms. Assessment: 70% practical 30% theory (written assignments).

Food Studies 11

MFOOD11

Interested in cooking and wanting to develop your skills in the kitchen? This course provides you with opportunities to cook foods from “scratch”. You will gain new cooking techniques and taste a variety of foods. Recipes will range from a wide assortment of desserts, baked items, and meal preparations that will include some vegetarian and international dishes. Food issues relating to nutrition and local food systems will be explored. This course will help you gain confidence in your culinary skills and help develop an understanding of where food comes from through developing the school garden and visits to local farms. Assessment: 70% practical 30% theory (written assignments).

Food Studies 12

MFOOD12

In this course, students will have a chance to learn culinary essentials and have fun creating dishes that are healthy and delicious ... so they can thrive on their own! Theory will include nutrient and meal analysis along with choosing and costing out recipes. Kitchen activities will focus on the preparation of appetizers, pastries, food preservation, soups, stews and some international meals. Students will have the chance to share these creations with classmates and learn about the local and global food systems. Developing the school garden and visits to local farms will help build greater understanding of where our food comes from. Assessment: 70% practical 30% theory (written assignments).

Sustainability 10

YRNR-0A

In this course, students will begin to explore the connections between sustainable lifestyle choices, self-sufficiency, healthy food systems, and sustainable local and global communities. Students will be involved in a combination of research, projects, seed to table gardening, sustainability labs, and discussions. The EMCS school garden, greenhouse, and orchard will be highly integrated into this course, and students will connect with local food producers. Hands-on learning will focus on collaborative cooking, baking, and horticulture as these trades are introduced.

Sustainability 11

YRNR-1A

In this course, students will continue to explore the connections between sustainable lifestyle choices, self-sufficiency, healthy food systems, and sustainable local and global communities. Students will be involved in a combination of self-directed enquiry, projects, seed to table gardening, sustainability labs, and discussions. The EMCS school garden, greenhouse, and orchard will be highly integrated into this course, and students will connect with local food producers. Hands-on learning will focus on collaborative cooking, baking, and horticulture as these trades are introduced.

Sustainability 12

YRNR-2A

In this course, students will develop a deeper understanding of the connections between sustainable lifestyle choices, self-sufficiency, healthy food systems, and sustainable local and global communities. Students will take on a leadership role in a combination of research, independent projects, seed to table gardening, sustainability labs, and discussions. The EMCS school garden, greenhouse, and orchard will be highly integrated into this course, and students will connect with local food producers. Hands-on learning will focus on collaborative cooking, baking, and horticulture as these trades are introduced.

COURSE NOTE: This course is open to all students, Grade 9 through 12. No prerequisites.

Textiles 10

MTXT-10

Are you interested in creating modern, fashionable and unique textile pieces with a focus on sustainability and eco-friendly materials? This course provides the History, Culture and fundamentals of Fibre Art techniques for fashion, home design and Mixed Media Art. First Nations Guest Speakers will highlight the importance of Fibre Arts throughout history by integrating traditional textile projects and techniques. Learn the basics of many Fibre Art techniques, including basic sewing, art quilting, mending, weaving, modern macramé, knitting, dyeing, simple pattern making, clothing up-cycling and fashion design. An introduction to Costume Design and the opportunity to create costumes for the Musical Theatre Production are embedded into the course. Begin each unit with a mini project to learn the introductory techniques and then create a unique major project designed by you during Weekly Studio Time. Art and Design Fundamentals will be interwoven into the fabric of this course.

Textiles 11

MTXT-11

This project-based course will allow you to further develop your skills in selected areas of Fibre Arts. Using the introductory skills developed in Textiles 10 you will select from a variety of Fibre Arts techniques; including: sewing, art quilting, mending, weaving, modern macramé, knitting, dyeing, simple pattern making, clothing up-cycling and fashion design. Once you've selected your area(s) you will develop your skills at an intermediate level. Elements of Art and Design will also be developed in the chosen skill area. As an intermediate student in Costume Design you will have the opportunity to design and create costumes for the Musical Theatre Production. There will be a focus on celebrating the traditions and techniques of First Nations culture and sustainability interwoven into the course.

Textiles 12**MTXT-12**

This project-based course will allow you to further develop your skills in selected areas of Fibre Arts. Using the intermediate skills developed in Textiles 11 you will select from a variety of Fibre Arts techniques; including: sewing, art quilting, mending, weaving, modern macramé, knitting, dyeing, simple pattern making, clothing up-cycling and fashion design. Once you've selected your area(s) you will develop your advanced skills and techniques towards mastery. Elements of Art and Design will also be developed in the chosen skill area. As an advanced student in Costume Design you will have the opportunity to design and create costumes for the Musical Theatre Production and lead a team of students in this process. There will be a focus on celebrating the traditions and techniques of First Nations culture and sustainability interwoven into the fabric of the course.

Culinary Arts 10: Cafeteria Training**MCUL-10**

Students are trained to use industrial kitchen equipment with a large component of safety and sanitation standards in our commercial kitchen. You will learn to use Chef's knives, kitchen equipment, vocabulary, basic cooking methods and organization. This class is taught under Red Seal Chef's guidance at scheduled areas to make delicious dishes for sale at Break and Lunch.

Culinary Arts 11: Cafeteria Training**MCUL-11**

Building on the techniques learned in Culinary Arts 10 and continuing the focus of safety and sanitation in a commercial kitchen; students will use Chef's knives, kitchen equipment, vocabulary, more advanced cooking methods and organization. This class is taught under Red Seal Chef's guidance at scheduled areas to make delicious dishes for sale at Break and Lunch.

Culinary Arts 12: Cafeteria Training**MCUL-12**

Building on the techniques learned in Culinary Arts 11 and continuing the focus of safety and sanitation in a commercial kitchen; students will use Chef's knives, kitchen equipment, vocabulary, more advanced cooking methods and organization. This class is taught under Red Seal Chef's guidance at scheduled areas to make delicious dishes for sale at Break and Lunch.

Specialized Studies in Food 12**MSPSF12**

This program is designed to teach students advanced knowledge and skills of commercial food preparation. Students will expand their understanding of the food service worker role and develop their mastery of food science. This will involve planning, organizing and prioritizing steps to manage specific areas in the kitchen. For those planning to pursue a career in the Food Industry, the knowledge and skills learned in this program will serve as a foundation for post-secondary cooking programs. Students must have previous experience in the EMCS culinary arts program as they will be required to work independently running a station in the kitchen.

Professional Cook 11/12**YHEC-1B/1E/2A/2C**

This course is designed to enable students to pursue a career in culinary arts. Students will be responsible for a specific station in the kitchen where they will be expected to take on a leadership role mentoring new and returning students. This course will include research and presentation of culinary demos for the class as well as a practical final menu. Organization, menu and prep list development, independence and initiative will be a focus. Student's will be shown and practice advanced culinary techniques and skills.

Technology Education

Drafting 10

MTDRF10

Drafting 10 introduces students into the exciting and challenging skill of graphic communication. Students will learn to “read” drawings of objects and make their own plans using professional drafting programs such as Vectorworks or AutoCad. Learning to draw following industry conventions is a skill that can help you pursue one of many careers including such diverse occupations as the building construction trades, engineering, interior design, retail supply sales, architecture, landscape design and advertising, among countless others. This course will include: Preliminary freehand sketching of basic geometric shapes; An introduction to standard drafting conventions; The possibility for enrichment practice creating three-dimensional objects. Assessment: based on the intended learning outcomes as described in the course outline.

Drafting 11

MTDRF11

Drafting 11 will provide a foundation for further studies in CAD leading to supporting many possible career choices including working in the trades, architecture, interior design, engineering, marine architecture, textile design, etc. This course is intended to enable the student to learn basic drafting knowledge and conventions, as well as to develop skills in a CAD drawing environment using plans using professional drafting programs such as Vectorworks or AutoCad. Upon completion of this course the student will be able to draw sophisticated object representations (machine drawings) in the standard views and include dimensions. Other drawings will have sections, fastener details, auxiliary views, and pictorial drawings. Final projects will combine these skills in the creation of working drawings that will showcase a specific component and its construction detail.

Drafting 12

MTDRF12

Drafting and Design 12 is an intensive, challenging course designed for students, with a CAD drafting background, who are considering one of the many careers which utilize these skills. Drafting and Design 12 students will continue to develop skills using CAD plans using professional drafting programs such as Vectorworks or AutoCad. Other software may include Master CAM, used for writing programs to run computer-controlled manufacturing machines such as metalwork mills and wood routers. This course allows students to pursue optional areas of interest such as Engineering and Mechanical Drafting, Advanced Design in 3D, Architectural and Design, all supporting the Construction trades, among others. Assessment: Approved student proposals must meet Ministry intended learning outcomes.

Electronics and Robotics 10

MTEAR10

Robotics/Electronics 10 introduces students to the basics of robotics and electronics. The projects and exercises are designed to allow students to learn through a series of labs, step-by-step projects, and self-directed challenges. This course will introduce sequences for designing and making a functional robot, robot elements, block-based coding or logic-based coding, programming platforms and flow charts related to robot behaviors. You will learn the fundamentals of design and construction for autonomous and radio-controlled robots from components and kits. This course also introduces the field of analog and digital electronics. Components are introduced as you build working circuits. These circuits are modified and analyzed to help explain the function of the components. With all the projects that you make you will learn to produce your own printed circuit boards using a CAD program and a toner transfer process. Some of the projects will also utilize Arduinos and basic C programming language in order to add logic and control. This is a hands-on class that will challenge you to think and create fantastic robots and exciting electronics projects.

Electronics 11**MTELE11**

This course builds upon what has been learned in Tech Ed 10: Electronics. The course takes Arduino microcontrollers to the next level. Choose from a variety of possible sensors and actuators to take control of something in your life. Maybe add a Bluetooth module and control it from your phone or write an app that integrates with your project. Students often build robots that are designed for a classroom competition or create something that can be used to make their daily lives easier. Projects are student driven and are only limited by time, cost and student skill level. Pre-made parts, sensors and electronics modules are often used while custom printed circuit boards are made to tie the parts together. Digital electronics and microcontrollers are the focus of the course while C programming becomes important to add control and logic to student creations. All electronics classes can be pursued as an interest only or may lead well into Commercial/ Residential/ Marine Electrician, HVAC, Automotive Electrical Technician, Computer/IT and Engineering careers among others.

Electronics 12**MTELE12**

Electronics 12 students take an increased responsibility for their own learning and pursue design activities related to their personal and career interests. This course includes review of all topics covered in previous levels of the course and builds upon it by challenging students to design, manufacture, test and troubleshoot an entire project from start to finish. Students will incorporate basic metal and wood fabrication techniques, build sensors and modules from basic components instead of using premade parts, program more complex logic, and integrate them with modern smartphones and laptops. Many options for projects exist. Project choice is limited only by time, cost and student skill level. Student projects will be worked into a complete package including schematic drawings, PC board design, parts placement diagram and completed project with structure or enclosure. Students are often challenged to take part in regional competitions to showcase their technical savvy. All electronics classes can be pursued as an interest only or may lead well into Commercial/ Residential/ Marine Electrician, HVAC, Automotive Electrical Technician, Computer/IT, and Engineering careers among others.

Metalwork 10**MTMET10**

Metal is the backbone of today's technology. Because of its great strength, durability and versatility, metal is everywhere. Would it not be great to learn how to use and manipulate this fabulous material? Through the machining and fabrication of a variety of assigned and student selected projects, students will learn the safe and correct use of hand, portable and stationary metalworking power tools. Students will have the opportunity to use various welding processes such as Oxy-Fuel, MIG and to cut metals using plasma. Basic forge work (Blacksmithing) is also included in this course. By the end of this course students will have the skills and confidence to tackle and solve many projects and problems involving metal.

Metalwork 11**MTMET11**

Students will operate machine tools as well as manual machinery in the metal shop to complete their projects. This course will include an option for students to select an assigned project or a personalized project that meets ministry requirements. For students that wish to build a specific project, please come prepared with a plan for your project to present during the first two weeks of the course. This is a design and build course and is open to all ability levels. Bring your fantastic ideas and build great projects.

Metalwork 12**MTMET12**

This course is for students who have successfully completed Metalwork 11 and wish to continue acquiring metal work skills and knowledge. Students will design and build their own projects.

Woodwork 10**MWWK-10**

Students design and manufacture marketable, quality products of softwood and hardwood using traditional/contemporary machine and joinery processes. This program offers a comprehensive overview on the safe and correct use of hand, portable and stationary power tools. Project activities will help students gain skills in the design process, planning and estimating, and fabrication and finishing of wood products. Students will explore their creativity, while simultaneously gaining life-long skills in one 78 of the most interesting and widespread of materials. This course includes: introduction/review of safe tool use and operation while building a cutting board; a lathe project of choice such as a bowl, nut dish or pen; introduction to mortise and tenon construction through completion of a small table; construction of a decorative box that uses basic panel construction and splined mitre joinery; a project of choice limited by time constraints and skill level. The course is designed to give students a broad range of woodworking skills. Mastery of these basic skills will allow students in more advanced levels to build projects independently and challenge themselves with their own designs and complex creations. All woodworking and joinery classes can be pursued as an interest only or may lead well into Commercial/ Residential Construction, Joinery, Boat Building/ Marine Trades, and Engineering careers among others.

Woodwork 11**MWWK-11**

This cabinetry/joinery course will expand the skills learned in intermediate woodwork programs. A program for students who have a minimum background in basic machine use of cabinetry work, it concentrates on safety awareness and machine skills development. Specialty machine operations including shaping, turning, multiple cutting, duplicating parts, using "jigs" and machine "set-ups" will be covered. Aspects of design and techniques of mass production will be emphasized. Project examples: China Cabinet, cabinet and drawer, entertainment center, bookcase, dining table, chair, coffee/side table, bed frame, salad bowl/side servers, lamp, spindle turnings. All woodworking and joinery classes can be pursued as an interest only or may lead well into Commercial/ Residential Construction, Joinery, Boat Building/ Marine Trades, and Engineering careers among others.

Woodwork 12**MWWK-12**

Learners will engage in larger, more complex challenges in the designing, planning and construction of cabinetry and furniture structures. The safe and correct use of hand and power tool equipment is stressed. Students who are thinking of woodworking as a career or who are attracted to a chance to use our well-equipped facility in an extended program should consider Woodwork 12. Program examples: kitchen island, china cabinet, dining table, kitchen cabinetry, lathe work, small boat building, chair, entertainment center. All woodworking and joinery classes can be pursued as an interest only or may lead well into Commercial/ Residential Construction, Joinery, Boat Building/ Marine Trades, and Engineering careers among others.

Woodworking Musical Instrument Making 10/11/12**TBA**

In this course, students learn a variety of cutting, shaping, and joining techniques in the production of drums, kalimbas, ukuleles and other musical instrument projects. Students will expand their knowledge and experience through various demonstrations, theory, and projects. They will have the chance to safely build skills by working with hand tools, portable power tools and stationary woodworking machines. The projects are designed to give the students as much experience and knowledge as possible while also helping them to develop the ability to solve technological and design problems.

Robotics 11**YCAIS1A**

Robotics 11 brings students deeper into the field of robotics. The projects and exercises are designed to allow students to learn through a series of step-by-step projects and self-directed challenges. You will learn the intermediate concepts of design and construction for autonomous and radio-controlled robots from components and kits. This course will build on knowledge and basic skills learned in Robotics/Electronics 10, such as sequences for designing, making a functional robot, robot elements, blockbased coding or logic-based coding, programming platforms and flow charts related to robot behaviors. This course will also include fundamental drafting skills and project planning. Projects will include making Vex Robots to accomplish a variety of tasks and designing and fabricating robotics parts using 3D printers, wood/metal shop machinery, and/or CNC equipment. Fundamental drafting skills will be introduced during this course. This is a hands-on class that will challenge you to think and create fantastic robots. No previous Robotics experience required.

Robotics 12**YCAIS2A**

Robotics 12 brings students deeper into the field of robotics. The projects and exercises are designed to maximize their potential through a series of step-by-step projects and self-directed challenges. You will learn advanced concepts of design and construction for autonomous and radio-controlled robots from components and kits. This course will build on the intermediate skills and knowledge learned in Robotics 11, such as sequences for designing and making a functional robot, robot sensors, logic-based coding, programming platforms and flow charts related to robot behaviors. This course will also build on previously learned drafting skills and project planning. Projects will include making Vex Robots to accomplish a variety of tasks and designing and fabricating advanced robotics parts using 3D printers, wood/metal shop machinery, and/or CNC equipment. This is a hands-on class that will challenge you to think and create fantastic robots.

Cross-disciplinary and Inter-disciplinary Arts & Visual Arts**Arts****Art Studio 11****MVAST11**

This general art course reviews and advances the foundations of art. Students will be involved in developing and refining their own imagery with advanced studio techniques. Investigations of historical and contemporary art trends will be undertaken. Drawing, painting, graphic arts, print-making and three-dimensional work can be the basis for studio work. A sketchbook is required and is an active part of the program. There is an opportunity for students with advanced capabilities to be involved in special projects.

Art Studio 12**MVAST12**

This course is for students who wish to continue their education in art in several areas of visual expression at an advanced level. Students will work in a studio atmosphere in solving individual problems in developing art imagery. Students will be expected to take an active role in shaping the process of their art education. Investigations of historical and contemporary art trends will be undertaken. A sketchbook is required and is an active part of the program.

Entrepreneurship 12**MENT-12**

Have you ever had a great idea for an art product that you thought you could sell? In this "Concept to Cash" basis course, develop, create and sell art products. Students will research market trends in art objects and sustainable and environmental methods of creating and marketing products. Individually and in a team model, students will create business plans, design art objects, and create products that

are unique, ethical and consider environmental impact. There will be opportunity for larger collaborative projects. Students will promote and market their products in a variety of settings that may include in school “pop up” markets, online, and community craft sales and markets.

Graphic Arts 11

MVAGA11

Graphic Arts 11 is an opportunity for motivated students to begin the challenge of developing a complete studio art portfolio. The focus of the course is to hone skills and studio independence working towards beginning a portfolio through the exploration of a variety of media. This course will also help students begin the process of developing an individual area of focus in the visual arts. A sketchbook is an integral part of this course.

Graphic Arts 12

MVAGA12

If you are interested in taking a personal challenge for excellence, then this is the place for you! The development of a portfolio is your chance to pursue media and concepts in a self-directed studio setting. This course will provide you with the opportunity to research post-secondary visual arts programs, improve your technical skills in a personal area of interest and build a personal and unique body of work. Your completed portfolio may be used for application to post-secondary institutions and scholarships or your Capstone project. This course is not limited to students pursuing Visual Arts at post-secondary, it is open for any student wanting to develop their creative brain.

The three big ideas of the portfolio development are:

1. Investigate materials, processes, and ideas.
2. Make art and design.
3. Present art and design

Marketing & Promotion 11

MMAP-11

Have you ever had a great idea for an art product that you thought you could sell? In this “Concept to Cash” basis course, develop, create and sell art products. Students will research market trends in art objects and sustainable methods of creating and marketing products. Individually and in a team model, students will create business plans, design art objects, and create products that are unique. Students will promote and market their products in a variety of settings that may include in school “pop up” markets, online, and community craft sales and markets.

Photography 10

MVAPH10

Does the world around you capture the inner photographer within? In this fast-paced, multi-faceted course, you will learn the basics of Photography. You will become part of the Yearbook Staff working in one or more of the following areas; design, photography, digital art, journalism and/or advertising. You will play an integral role in creating a memorable Yearbook that your fellow classmates will cherish for years to come. You will learn the following basic skills necessary for publishing a yearbook such as; page design and layout, creative and skilled photography, journalism, copy writing and editing, graphic design programming (Adobe Photoshop, Canva) word processing, advertising and distribution. You will learn basic photography techniques such as; setting an advanced camera, design elements, composition, posing, lighting, aesthetics, creative and artistic techniques, using props and editing (Adobe Photoshop and Adobe Lightroom). You will learn basic digital art by completing projects using original and stock photos to create unique Digital Art pieces. Your final project is to build an online portfolio-based website using the following web design program Wix.com.

Photography 11**MVAPH11**

Do you want to continue to develop your Photography skills? Using the basics, you learned in PHOTOGRAPHY 10 you will learn intermediate skills in Photography in a project-based environment. Using weekly studio time, you will develop a professional website to showcase your collection of photos and digital art. You will become part of the Yearbook Staff working in one or more of the following areas; design, photography, digital art, journalism and/or advertising. You will play an integral role in creating a memorable Yearbook that your fellow classmates will cherish for years to come. You will develop intermediate photography techniques such as; setting an advanced camera, multiple lenses, advanced composition and design principles, posing, lighting, aesthetics, creative and artistic techniques, using props and editing (Adobe Photoshop and Lightroom). You will complete more complex Digital Art projects. Your final project is to build an online portfolio-based website using the web design program Wix.com.

Photography 12**MVAPH12**

Learn to refine your photographic skills and techniques related to various styles and genres and get creative in resolving photographic challenges. Further your ability to create photographs for a specific purpose and that reflect personal, cultural, social, environmental, and historical contexts. Master the use of multiple lenses to enhance your photographs. Examine your relationships between photography, culture, and society and explore educational, and professional opportunities in photography and related fields.

Studio Arts 2D 11**MVAD-11**

This is an advanced level course concerning two-dimensional work only. The major focus of the course will involve drawing and painting as well as graphic communications, relating them to the development of personal imagery. Students should be prepared to work independently in solving problems related to the development of imagery. A sketchbook is required.

Studio Arts 2D 12**MVAD-12**

This is an advanced level course concerning 2D work only. This advanced studio course invites students to explore imagery in drawing/painting and graphic arts. Take the challenge - come and work in a studio atmosphere and explore your potential. Purposeful artistic choice to complete the development of a portfolio can be part of this course. A sketchbook is an integral part of this course.

Studio Arts 3D 11**MVAC-11**

This course is for students who wish to work at an advanced level in art, specializing in three-dimensional work. The focus is on the process of sculpture, exploring tools, equipment, set design, theories of sculpture and the language of this art form. Materials introduced and explored could include clay, wood, cardboard, paper, found objects, scrounged bits....and anything else we can lay our hands on! A sketchbook is required.

Studio Arts 3D 12**MVAC-12**

This course is for students who wish to continue their art studies at an advanced level, specializing in three-dimensional studio work. The focus of the course is the exploration of the process of three-dimensional design, expressed through a variety of media. Previous experience is NOT required. The process of designing three-dimensional works of art will be emphasized. A sketchbook is required.

Visual Arts: Art Studio 10

MVAST10

This course advances the study of the foundations of art and introduces a variety of new media. Students will be involved in drawing, painting, graphic arts, sculpture, ceramics and photography using everything from pencil and paper to anything they can get their hands on. They will be encouraged to challenge themselves through new media and greater independence in the studio setting. A sketchbook is required.

Drama, Musical Theatre & Film

Drama 10

MDRM-10

This is a fast-paced introductory course. In first term, students will develop their skills and have a great time through theatre games, improvisations and scene work. In second term, the focus shifts to encompass play building, scripted scene work and characterization. Beginning Drama 10 has proven to be a very popular course over the years. Students have fun and learn a lot. Bring energy! Final performance for the public at the end of semester. Some out of class rehearsals are required.

Drama: Theatre Company 10

MDRTC10

This program is for students who have taken Drama 10 and are looking to advance their skills. It moves easily from theatre games, mime and improvisation to the "heart of acting" character work. Students will also create their own scenes and short plays. This challenging, enjoyable course leads to a wide variety of options for Grade 11. Final performance for the public occurs at the end of the semester. Some out of class rehearsals are required.

Musical Theatre 10/ Vocal Music

MMUTH10/YVPA-0EVM

This course is designed as an introductory course into the wonderful world of Musical Theatre. Students will explore the components of Musical Theatre and most aspects of production and performance techniques. Singing ability is not a requirement for this course, but time will be spent on vocal training. This is a project-based course. Juniors will work with senior students to develop a quality performance for the public at the end of the semester. Please Note: This is a course that requires commitment for successful completion. After school rehearsals in May and part of June are mandatory. **COURSE NOTE:** Students in Musical Theatre 10 will also study, and be registered in, **Vocal Music 10 (YVPA-0EVM)**. **Vocal Music 10 (YVPA-0EVM)** This is a great introductory course for learning to grow your confidence and skills in vocal music. Technical skills, strategies and health and safety issues will be explored and applied as students rehearse and perform repertoire for a musical theatre project. *This course is paired with Musical Theatre 10 and is conducted outside the timetable.

Film 10

MVAM-10FLM

This is a great introductory course to take if you are interested in the art of film making. Basic concepts from pre-production to post-production of short films will be covered through many hands-on team projects.

Film 11

MDFT-11

If you ever dreamed of making movies or if you have ever wondered what it would be like to make movies, this is your chance to explore the incredible, powerful world of filmmaking. This course will introduce young film makers to camera techniques, film script writing, acting for the camera and editing. It will take students step by step through the process that creates a film from an idea.

Film 12

MDFT-12

This course is designed for serious narrative filmmakers who have taken Film 11 or have equivalent experience. All aspects of the film making process are developed further. There is an opportunity for senior students to take on leadership roles and develop longer, more in-depth stories all through this media.

Theatre Company 11

MDRTC11

If you've been bitten by the acting bug in Drama 10, this course is for you. Continue to hone acting skills while becoming part of a theatre company by building a production from conception to final performance for a public audience at the end of semester. Some extra rehearsals will be required.

Musical Theatre 11/Vocal Music 11

MMUTH11/YVPA-1EVM

This course is designed for students with a keen interest in Musical Theatre. All aspects of this genre on the stage and behind the scenes are explored. This is a project-based course. Seniors will work together to develop a quality performance for the public at the end of the semester. Please Note: This is a course that requires commitment for successful completion. After school rehearsals in May and part of June are mandatory. **COURSE NOTE:** Students in Musical Theatre 11 will also study, and be registered in, Vocal Music 11 (**YVPA-1EVM**). Please see the course description for Vocal Music for more information. **Vocal Music 11 (YVPA-1EVM)** The primary focus for this course is to grow confidence in the student's individual and ensemble vocal music skills. Technical skills, strategies and health and safety issues will be explored and applied as students create, rehearse, and perform repertoire for a musical theatre project. *This course is paired with Musical Theatre 11 and is conducted outside the timetable.

Musical Theatre 12/Vocal Music 12

MMUTH12/YVPA-2EVM

This course is designed for students with a keen interest in Musical Theatre, and those who are considering a career in theatre. All aspects of this genre on the stage and behind the scenes are explored. This is a project-based course. Seniors will work together to develop a quality performance for the public at the end of the semester. Please Note: This is a course that requires commitment for successful completion. After school rehearsals in May and part of June are mandatory. **COURSE NOTE:** Students in Musical Theatre 12 will also study, and be registered in, **Vocal Music 12 (YVPA-2EVM)**. Please see the course description for Vocal Music for more information. **Vocal Music 12 (YVPA-2EVM)** The primary focus for this course is to build upon the skills learned in Vocal Music 11. Technical skills, strategies and health and safety issues will again be explored and applied as students create, rehearse and perform repertoire for a musical theatre project. *This course is paired with Musical Theatre 12 and is conducted outside the timetable.

Music

BAND

The EMCS Music Department is emerging to offer an exciting array of musical experiences. Students can participate in yearlong credit granting performance ensembles such as Concert Band and Drumline, with an additional DL course choice of an Orchestra program from Westshore which is offered Tuesday evenings at EMCS. Members of the program have additional opportunities to grow and learn through small ensembles, clinics, festival participation and many varied performance situations, as well as musical tours. There is also the option to take private lessons through Harmony Project, a charitable organization in Sooke, set up to enhance the lives of young people through the study of music.

In choosing a music course as an elective at EMCS, you are joining a team where your input is valued, and the results of your hard work are shared and multiplied by the whole ensemble. Students will leave

this program knowing the value of commitment, concentration and self-discipline; life skills that will help you to succeed in whatever career you pursue.

Thank you for your interest in the music program at EMCS, a wonderful future is in store for all involved and if you have any further questions please contact Lorna Bjorklund at lbjorklund@sd62.bc.ca or your counsellor.

Drumline 10/11/12

YVPA-OLDRA/1LDR/2LDR

This course runs outside of the timetable. Meeting times to be determined. Utilize multiple instruments and playing techniques to create engaging and entertaining concerts and performances in a variety of venues. Explore Percussion and Movement to express concepts and ideas through music. Develop competency and skills in the area of Music theory, Reading, Rhythm, and Percussion Techniques. Collaborate with classmates to create a dynamic learning environment in which to engage in musical expression.

Instrumental Music: Band 9

XBA--09

This course is an ensemble of brass, woodwinds, and percussion instruments that performs a variety of musical styles. Strings students are also welcome. Classes focus on technique, cultural and historical context, creativity, and general musicianship. This course is open to all students, regardless of music experience. Rehearsals take place before/ after school. In addition to an instrument (many rentals available through the school), home practice is required as part of this class. This course takes place outside the timetable.

Instrumental Music: Concert Band 10/Contemporary Music 10

MIMCB10/MMUCM10

This course is an ensemble of brass, woodwinds, and percussion instruments that performs a variety of musical styles. Strings students are also welcome. Classes focus on technique, cultural and historical context, creativity, and general musicianship. This course is open to all students, regardless of music experience. Rehearsals take place before/ after school. In addition to an instrument (many rentals available through the school), home practice is required as part of this class. **COURSE NOTE:** Students will also be registered in (and receive credit for) **Contemporary Music 10 MMUCM 10**. This course takes place outside the timetable.

Instrumental Music: Concert Band 11/ Contemporary Music 11

MIMCB11/MMUCM11

Concert Band is an ensemble of brass, woodwinds, and percussion instruments that performs a variety of musical styles. Strings students are also welcome. Classes focus on technique, cultural and historical context, creativity, and general musicianship. This course is open to all students, regardless of music experience. Rehearsals take place after/before school. In addition to an instrument (many rentals available through the school), home practice is required as part of this class. **COURSE NOTE:** Students will also be registered in (and receive credit for) **Contemporary Music 11 MMUCM 11**. This course takes place outside the timetable.

Instrumental Music: Concert Band 12/Contemporary Music 12

MIMCB12/MMUCM12

Concert Band is an ensemble of brass, woodwinds, and percussion instruments that performs a variety of musical styles. Strings students are also welcome. Classes focus on technique, cultural and historical context, creativity, and general musicianship. This course is open to all students, regardless of music experience. Rehearsals take place after/before school. This is a dual-credit course. In addition to an instrument (many rentals available through the school), home practice is required as part of this class. **COURSE NOTE:** Students will also be registered in (and receive credit for) **Contemporary Music 12 MMUCM12**. Band courses take place outside the timetable.

Instrumental Music: Jazz Band 10**MMUJB10**

This is a Year Long course. Student will learn instrumental Jazz through the performance of 'Big Band' arrangements of a variety of jazz styles including swing, funk, Latin and ballads. Vocalists, guitar, piano, bass, drums and winds welcome. Students are encouraged to listen to recordings, copy the great players and ultimately develop their reading and improvising 'chops' on their instrument. Some high-energy music can be heard during this class! Participation in performances is required at times throughout the year. Assessment: Written work, playing tests, practice records, performance and participation. Final Examination: None. Material Cost: Instrument rental (some instruments are available through the school). Students must purchase any other supplies such as reeds, valve oil, sticks, etc. Recommended Pre-requisite: Minimum two years band experience, private instruction or permission of the instructor. It is strongly recommended that students also be registered in Concert Band. **COURSE NOTE:** This course takes place outside the timetable.

Instrumental Music: Jazz Band 11**MMUJB11**

This is a Year Long course. Student will learn instrumental Jazz through the performance of 'Big Band' arrangements of a variety of jazz styles including swing, funk, Latin and ballads. Vocalists, guitar, piano, bass, drums and winds welcome. Students are encouraged to listen to recordings, copy the great players and ultimately develop their reading and improvising 'chops' on their instrument. Some high-energy music can be heard during this class! Participation in performances is required at times throughout the year. Assessment: Written work, playing tests, practice records, performance and participation. Final Examination: None. Material Cost: Instrument rental (some instruments are available through the school). Students must purchase any other supplies such as reeds, valve oil, sticks etc. **COURSE NOTE:** This course takes place outside the timetable. **PREREQUISITE:** Minimum of 3 years' band experience (including Concert Band 10) or private instruction or permission of the instructor. It is strongly recommended that students also be registered in Concert Band.

Instrumental Music: Jazz Band 12**MMUJB12**

This is a Year Long course. Student will learn instrumental Jazz through the performance of 'Big Band' arrangements of a variety of jazz styles including swing, funk, Latin and ballads. Vocalist, guitar, piano, bass, drums and winds welcome. Students are encouraged to listen to recordings, copy the great players and ultimately develop their reading and improvising 'chops' on their instrument. Some high-energy music can be heard during this class! Participation in performances is required at times throughout the year. Assessment: Written work, playing tests, practice records, performance and participation. Final Examination: None. **PREREQUISITE:** Minimum of 3 years band experience (including Concert Band 10) or private instruction or permission of the instructor. It is strongly recommended that students also be registered in Concert Band.

Languages**French 10****MFR--10**

This course provides an extension of French 9. You will begin to build your confidence in using the language for a wider range of purposes and with greater fluency. The unit on survival French gives you practical tools for travel. You will create and describe a piece of art as well as make a news show. Active participation is required throughout the course.

French 11**MFR--11**

French 11 satisfies the second language entrance requirements for some universities. You already have considerable skill in French--in this course you learn several new verb tenses so that your

communication may become more varied and sophisticated. A wide range of listening, speaking and writing activities are offered so that you can refine your skills while learning more about French culture and language.

French 12

MFR--12

Since French 12 places a strong emphasis on all aspects of communication. Students are expected to study and discuss short stories, to master the formation and use of all major verb tenses, and to use these more complicated sentences in paragraph writing. Vocabulary topics include the exploration of the lives of famous French-speaking people, Francophone countries, and culture through a study of reading passages and video.

Spanish 10

MSP--10

Spanish 10 is taught using a communicative/experiential approach. Emphasis is on vocabulary building, pronunciation and developing interpersonal communications skills. Various authentic sources are used in order to students to gain an appreciation of Spanish culture, music and literature. Themes may include family celebrations, home life, community, shopping and travel. All four aspects of language learning will be evaluated (speaking, listening, reading and writing) through projects, tests, quizzes and oral presentations. It is recommended that French Immersion students begin Spanish at the grade 10 level.

Introductory Spanish 11

MBSP-11

This course is a condensed version of Spanish 9 and 10 for students who have not previously taken Spanish. This course is taught using a communicative/experiential approach. Emphasis is on vocabulary building, pronunciation and developing interpersonal communication skills. Various authentic sources are used for students to gain an appreciation of Spanish culture, music and literature. Themes may include leisure activities, family, sports, food, home and travel. All four aspects of language learning will be evaluated (speaking, listening, reading and writing) through projects, tests, quizzes and oral presentations.

Spanish 11

MSP--11

Spanish 11 is taught using a communicative/experiential approach. Emphasis is on vocabulary building, pronunciation and developing interpersonal communication skills. Various authentic sources are used for students to gain an appreciation of Spanish culture, music and literature. Themes may include daily routines, community, consumerism, childhood experiences. All four aspects of language learning will be evaluated (speaking, listening, reading and writing) through projects, tests, quizzes and oral presentations.

Spanish 12

MSP--12

Spanish 12 is taught using a content-based approach, where students learn language while learning about Hispanic and Latino culture. Emphasis is on authentic communication in all skill areas. Students will expand their repertoire of grammatical structures which will allow them to communicate more precisely about a wider range of topics.

Academies

ECO-Academy

**Science 9/10
Foods STX 10**

**MSC-- 09ECO/ MSC—10ECO and
MSTX-0AECO**

This is an exciting cohort-based academy that explores scientific and food systems issues alongside skills associated with ecology, community, and experiential place-based learning! It is open to all Grade 9 and 10 students. Students will actively participate in an immersive interdisciplinary program, focused on the central themes of Eco-literacy, Community, Experiential Learning, and Global and Local Food Systems. Learning will be rooted in curricular outcomes, with high standards for extending inquiry, collaboration, and self-direction. Learning programs will be aligned with the seasons and local Indigenous 13 Moons calendar. In addition to face-to-face instruction, students will also complete and receive additional credit for two yearlong JDF DL courses. Students will earn credit for the following courses: Science 9 or 10 (MSC—09ECO or MSC—10ECO, respectively); Foods STX 10 (MSTX-0AECO). **Academy Fee:** (\$515 est.), including administrative fee.

Hockey Academy

**Physical and Health Education 10: Hockey
Hockey 10**

**MPHED10HOC and
YHRA-0CHOC**

This is an exciting program which is aimed at enhancing a students' educational experience by providing an opportunity at school to enjoy a sport they love. With the recent in-school academy initiative of Hockey Canada, we are proud to partner with their development programs and offer the EMCS Hockey Academy in Semester 1, September to end of January. The academy schedule consists of three on-ice sessions per week. Each on ice session includes specific technical and tactical skill instruction in a small group setting as well as small area games. Specific on ice units focus on power skating, puck control, passing, shooting, offensive tactics and developing defensemen. The remaining academy schedule consists of strength training classes, classroom sessions with focus on hockey theory, sports psychology, health living, nutrition etc. Field trips to area training centers are included. The aim of the Academy is to enhance personal skill development through added ice time with quality mentorship and instruction in a safe, fun and enjoyable learning environment. Small group instruction as well as individual attention and ideal ice times help in furthering the development and leadership potential of each participant. With the focus kept on the individual player's skills, all ages and abilities at the Bantam and Midget level can participate together while enjoying the Academy. Both boys and girls have found the program personally challenging, rewarding and fun. If you are a committed student who aspires to the next level, or one who plays for the enjoyment of the game the academy can work for you. Some of the highlights of the program include: Teacher vs. student hockey game with the entire school in attendance; Training sessions at the North Langford Recreation Center at Bear Mountain Resort. Spin, cross-fit, SPARQ training and circuit training; Dryfloor training and ball hockey; Special guest instructors; including Jr. A level coaches; Exciting other activities and trips may include bowling, swimming and golf. **Academy Fee:** Cost of program is \$640 plus \$115 registration fee; fees could be 10% higher depending on registration in each Academy program. A screening criterion is used to ensure suitability of students to program (this is not based on hockey skill). Space is limited. **COREQUISITES:** If you take this course, you must also take YHRA-0CHOC - HOCKEY 10

Hockey 10

YHRA-0CHOC

Hockey 10 is a companion course to PE 10 Hockey. All students in the program must take both. Please see PE 10 Hockey for course description. **COREQUISITES:** If you take this course, you must also take MPHED10HOC - PE 10 HOCKEY

PE 11: Hockey/ Athlete Training Hockey 11

YHRA-1AHOC and
YHRA-1CHOC

PE 11 Hockey is a class that aims to develop leadership qualities of Senior level students and at the same allow students the opportunity to advance their own individual ability. Students in these classes will participate as student helpers with the Journey Hockey Academy and will also be provided with Leadership training to assist them while working with younger athletes. It is expected that students will be seen and act as excellent role models and abide by the EMCS Hockey Academy Code of Conduct. These students will be looked on to assume class leadership responsibilities as well. Students in the senior academy will also be given a variety of choice on some field trip activities that provides a greater course diversity from the junior level course. The aim of the Academy is to enhance personal skill development through added ice time with quality mentorship and instruction in a safe, fun and enjoyable learning environment. Small group instruction as well as individual attention and ideal ice times help in furthering the development and leadership potential of each participant. With the focus kept on the individual player's skills, all ages and abilities at the Bantam and Midget level can participate together while enjoying the Academy. Both boys and girls have found the program personally challenging, rewarding and fun. If you are a committed student who aspires to the next level or one who plays for the enjoyment of the game the academy can work for you. Some of the highlights of the program include: Teacher vs. student hockey game with the entire school in attendance; Training sessions at the Mountainside Athletic Club at Bear Mountain Resort. Spin, cross-fit, SPARQ training and circuit training; Dry-floor training and ball hockey at the Eagle Ridge Recreation Center; Special guest instructors; including Jr. A level coaches; Exciting other activities and trips may include bowling, swimming and golf. **Academy Fee:** Cost of program is \$640 plus \$115 registration fee. These fees are subject to change. A screening criterion is used to ensure suitability of students to program (this is not based on hockey skill). Space is limited. **COREQUISITES:** If you take this course, you must also take YHRA-1CHOC - HOCKEY 11

Hockey 11

YHRA-1CHOC

Hockey 11 is a companion course to PE 11 Hockey. All students in the program must take both. Please see PE 11 Hockey for course description. **COREQUISITES:** If you take this course, you must also take YHRA-1AHOC- ATHLETE TRAINING 11

PE 12: Hockey/ Athlete Training Hockey 11

YHRA-2AHOC and
YHRA-2CHOC

PE 12 Hockey is a class that aims to develop leadership qualities of Senior level students and at the same allow students the opportunity to advance their own individual ability. Students in these classes will participate as student helpers with the Journey Hockey Academy and will also be provided with Leadership training to assist them while working with younger athletes. It is expected that students will be seen and act as excellent role models and abide by the EMCS Hockey Academy Code of Conduct. These students will be looked on to assume class leadership responsibilities as well. Students in the senior academy will also be given a variety of choice on some field trip activities that provides a greater course diversity from the junior level course. The aim of the Academy is to enhance personal skill development through added ice time with quality mentorship and instruction in a safe, fun and enjoyable learning environment. Small group instruction as well as individual attention and ideal ice times help in furthering the development and leadership potential of each participant. With the focus kept on the individual player's skills, all ages and abilities at the Bantam and Midget level can participate together while enjoying the Academy. Both boys and girls have found the program personally challenging, rewarding and fun. If you are a committed student who aspires to the next level or one who

plays for the enjoyment of the game the academy can work for you. Some of the highlights of the program include: Teacher vs. student hockey game with the entire school in attendance; Training sessions at the North Langford Recreation Centre at Bear Mountain Resort. Spin, cross-fit, SPARQ/BOOM training and circuit training; Dry-floor training and ball hockey at the Eagle Ridge Recreation Center; Special guest instructors; including Jr. A level coaches; Exciting other activities and trips may include bowling, swimming and golf. **Academy Fee:** Cost of program is \$640 plus \$115 registration fee. These fees are subject to change. A screening criterion is used to ensure suitability of students to program (this is not based on hockey skill). Space is limited. **COREQUISITES:** If you take this course, you must also take YHRA-2CHOC - HOCKEY 12

Hockey 12

YHRA-2CHOC

Hockey 12 is a companion course to PE 12 Hockey. All students in the program must take both. Please see PE 12 Hockey for course description. **COREQUISITES:** If you take this course, you must also take YHRA-2AHOC – ATHLETE TRAINING 12.

Soccer Academy

Physical and Health Education 10: Soccer

MPHED10SCO) and

Junior Soccer Athletic Training 10

YHRA-OBSOC

The focus of the Soccer Academy is to develop and enhance individual soccer skills, as well as to provide mental and physical training both on and off the field. Students will meet the outcomes of Physical & Health Education 10. Students will learn the basic components of fitness training, nutrition, injury prevention, physiology, anatomy, leadership skills, soccer strategies, time management, goal setting, and coaching philosophies. Students will meet the outcomes for the Health Unit for Physical & Health Education 10 which includes healthy living, healthy choices, and good decision making. There will be instruction from credited coaches and semi-professional players. Training sessions will take place on EMCS school fields, Sooke soccer turf field, North Langford Recreation Centre, and Seaparc for dry training in the spring. The EMCS Soccer Academy is proud to be in partnership with the Pacific FC, the newly established Canadian professional football league. The Pacific FC now trains out of Westhills in Langford and will be part of the EMCS Soccer Academy training. For our goalie clinics we are excited to have George Konstantinov, who runs many of the lower Island goalie clinics including Victoria Highlanders Residency. **Academy Fee:** The cost of program, which covers special coaching clinics, videos, keeper jersey, travel costs and other miscellaneous items, is \$630 plus \$85 registration fee. The fees could be 10% higher depending on registration in each Academy program. A screening criterion is used to ensure suitability of students to the program. Students cannot carry an 'N' as an effort mark in any of their classes if they want to be enrolled in the Soccer Academy or remain in the academy.

COREQUISITES: If you take this course, you must also take YHRA-OBSOC - JUNIOR SOCCER ATHLETIC TRAINING 10

Junior Soccer Athletic Training 10

YHRA-OBSOC

This is a companion course to Physical and Health Education 10: Soccer. The focus of the Soccer Academy is to develop and enhance individual soccer skills, as well as to provide mental and physical training both on and off the field. This course emphasizes on-field training where students will excel at various soccer skills including ball control, passing, shooting, crossing, positional play, defensive and offensive principles, game analysis, systems of play and the fundamental rules of the game (FIFA rules). Students will increase their athletic ability with various fitness training techniques which will improve agility, speed, endurance and mental discipline. Students will learn higher components of fitness training, nutrition, injury prevention, physiology, anatomy, leadership skills, soccer strategies, time

management, goal setting, and coaching philosophies. The Soccer Academy will count towards graduation credits. There will be instruction from credited coaches and semi-professional players. Training sessions will take place on EMCS school fields, Sooke soccer turf field, North Langford Recreation Centre, and Seaparc for dry training during the spring. The EMCS Soccer Academy is proud to be in partnership with the Pacific FC, the newly established Canadian professional football league. The Pacific FC now trains out of Westhills in Langford and will be part of the EMCS Soccer Academy training. For our goalie clinics we are excited to have George Konstantinov, who runs many of the lower Island goalie clinics including Victoria Highlanders Residency. **Academy Fee:** The cost of program, which covers special coaching clinics, videos, keeper jersey, travel costs and other miscellaneous items, is \$630 plus \$85 registration fee, the fees could be 10% higher depending on registration in each Academy program. A screening criterion is used to ensure suitability of students to the program. Students cannot carry an 'N' as an effort mark in any of their classes if they want to be enrolled in the Soccer Academy or remain in the academy. **COREQUISITES:** If you take this course, you must also take Physical and Health Education 10: Soccer (MPHED10SOC)

PE 11 Soccer Athlete Training 11 Soccer 11

YHRA-1ASOC and
YLRA-1BSOC

This is a companion course to Soccer 11 (YLRA-IBSOC). This course will be offered to students who want to take their soccer career to a higher level. The focus of the Soccer Academy is to develop and enhance individual soccer skills, as well as to provide mental and physical training both on and off the field. Leadership skills will be promoted and expected at the senior level. Students will meet the outcomes of Physical Education 11. Students will learn the basic components of fitness training, nutrition, injury prevention, physiology, anatomy, leadership skills, soccer strategies, time management, goal setting, sport psychology and coaching philosophies. Students will also take a Soccer 11 course that will emphasize on-field training where students will excel at various soccer skills including ball control, passing, shooting, crossing, positional play, defensive and offensive principles, game analysis, systems of play and the fundamental rules of the game (FIFA rules). Students will increase their athletic ability with various fitness training techniques which will improve agility, speed, endurance and mental discipline. There will be instruction from credited coaches and semi-professional players. Training sessions will take place on EMCS school fields, Sooke soccer turf fields, North Langford Recreation Centre, and Seaparc for dry training in the spring. The EMCS Soccer Academy is proud to be in partnership with the Pacific FC, the newly established Canadian professional football league. The Pacific FC now trains out of Westhills in Langford and will be part of the EMCS Soccer Academy training. For our goalie clinics we are excited to have George Konstantinov, who runs many of the lower Island goalie clinics including Victoria Highlanders Residency. Exciting field trip activities may include golfing (both at driving ranges and course), horseshoeing, tennis, hiking, swimming, curling, bowling, and self-defense. **COURSE NOTE:** The cost of program, which covers special coaching clinics, videos, keeper jersey, travel costs and other miscellaneous items, is \$630 plus \$85 registration fee, the fees could be 10% higher depending on registration in each Academy program. A screening criterion is used to ensure suitability of students to the program. Students cannot carry an 'N' as an effort mark in any of their classes if they want to be enrolled in the Soccer Academy or remain in the academy. **COREQUISITES:** If you take this course, you must also take YLRA-1BSOC - SOCCER 11

Soccer Skills 11

YHRA-1BSOC

This is a companion course to P.E. 11 Soccer (YHRA-1ASOC) This course will be offered to students who want to take their soccer career to a higher level. The focus of the Soccer Academy is to develop and enhance individual soccer skills, as well as to provide mental and physical training both on and off the field. Leadership skills will be promoted and expected at the senior level. Students will learn a higher

level of fitness training, nutrition, injury prevention, physiology, anatomy, leadership skills, soccer strategies, time management, goal setting, sport psychology and coaching philosophies. Students will also take P.E. Soccer 11 course that will emphasize on-field training where students will excel at various soccer skills including ball control, passing, shooting, crossing, positional play, defensive and offensive principles, game analysis, systems of play and the fundamental rules of the game (FIFA rules). Students will increase their athletic ability with various fitness training techniques which will improve agility, speed, endurance and mental discipline. There will be instruction from credited coaches and semi-professional players. Training sessions will take place on EMCS school fields, Sooke soccer turf fields, North Langford Recreation Centre, and Seaparc for dry training in the spring. The EMCS Soccer Academy is proud to be in partnership with the Pacific FC, the newly established Canadian professional football league. The Pacific FC now trains out of Westhills in Langford and will be part of the EMCS Soccer Academy training. For our goalie clinics we are excited to have George Konstantinov, who runs many of the lower Island goalie clinics including Victoria Highlanders Residency. Exciting field trip activities may include golfing (both at driving ranges and course), horseshoeing, tennis, hiking, swimming, curling, bowling, and self-defense. **Academy Fee:** The cost of program, which covers special coaching clinics, videos, keeper jersey, travel costs and other miscellaneous items, is \$630 plus \$85 registration fee, the fees could be 10% higher depending on registration in each Academy program. A screening criterion is used to ensure suitability of students to the program. Students cannot carry an 'N' as an effort mark in any of their classes if they want to be enrolled in the Soccer Academy or remain in the academy.

**PE 12 Soccer Athlete Training 11
Soccer 12**

**YHRA-2ASOC and
YLRA-2BSOC**

This course is suited for those soccer players who want to take soccer to the next level, whether as a player, coach, or referee. The focus of the Soccer Academy is to develop and enhance individual soccer skills, as well as to provide mental and physical training both on and off the field. Leadership skills will be promoted and expected at this level. Students will meet the outcomes of Physical Education 12. Students will learn the basic components of fitness training, nutrition, injury prevention, physiology, anatomy, leadership skills, soccer strategies, time management, goal setting, sport psychology and coaching philosophies. Students will also take a Soccer 12 course that will emphasize on-field training where students will excel at various soccer skills including ball control, passing, shooting, crossing, positional play, defensive and offensive principles, game analysis, systems of play and the fundamental rules of the game (FIFA rules). Students will increase their athletic ability with various fitness training techniques which will improve agility, speed, endurance and mental discipline. There will be instruction from credited coaches and semi-professional players. Training sessions will take place on EMCS school fields, Sooke soccer turf field, North Langford Recreation Centre, and Seaparc for dry training during the spring. The EMCS Soccer Academy is proud to be in partnership with the Pacific FC, the newly established Canadian professional football league. The Pacific FC now trains out of Westhills in Langford and will be part of the EMCS Soccer Academy training. For our goalie clinics we are excited to have George Konstantinov, who runs many of the lower Island goalie clinics including Victoria Highlanders Residency. Exciting field trip activities may include golfing (both at driving ranges and course), horseshoeing, tennis, hiking, swimming, curling, bowling, self-defense, and workout trips to Bear Mountain and other gyms in our area. **Academy Fee:** The cost of program, which covers special coaching clinics, videos, keeper jersey, travel costs and other miscellaneous items, is \$630 plus \$85 registration fee, the fees could be 10% higher depending on registration in each Academy program. A screening criterion is used to ensure suitability of students to the program. Students cannot carry an 'N' as an effort mark in any of their classes if they want to be enrolled in the Soccer Academy or remain in the academy. **COREQUISITES:** If you take this course, you must also take YLRA-2BSOC - SOCCER 12

Soccer Skills 12

YHRA-2BSOC

This course is suited for those soccer players who want to take soccer to the next level, whether as a player, coach, or referee. The focus of the Soccer Academy is to develop and enhance individual soccer skills, as well as to provide mental and physical training both on and off the field. Leadership skills will be promoted and expected at this level. Students will learn advanced components of fitness training, nutrition, injury prevention, physiology, anatomy, leadership skills, soccer strategies, time management, goal setting, sport psychology and coaching philosophies. Students will excel at various soccer skills including ball control, passing, shooting, crossing, positional play, defensive and offensive principles, game analysis, systems of play and the fundamental rules of the game (FIFA rules). Students will continue to increase their athletic ability with various fitness training techniques which will improve agility, speed, endurance and mental discipline. There will be instruction from credited coaches and semi-professional players. Training sessions will take place on EMCS school fields, Sooke soccer turf field, North Langford Recreation Centre, and Seaparc for dry training during the spring. The EMCS Soccer Academy is proud to be in partnership with the Pacific FC, the newly established Canadian professional football league. The Pacific FC now trains out of Westhills in Langford and will be part of the EMCS Soccer Academy training. For our goalie clinics we are excited to have George Konstantinov, who runs many of the lower Island goalie clinics including Victoria Highlanders Residency. Exciting field trip activities may include golfing (both at driving ranges and course), horseshoeing, tennis, hiking, swimming, curling, bowling, self-defense, and workout trips to Bear Mountain and other gyms in our area. **Academy Fee:** The cost of program, which covers special coaching clinics, videos, keeper jersey, travel costs and other miscellaneous items, is \$630 plus \$85 registration fee, the fees could be 10% higher depending on registration in each Academy program. A screening criterion is used to ensure suitability of students to the program. Students cannot carry an 'N' as an effort mark in any of their classes if they want to be enrolled in the Soccer Academy or remain in the academy. **COREQUISITES:** If you take this course, you must also take PE 12 Soccer YHRA-2ASOC

Career Development Courses & Programs

Trades Awareness Skills and Knowledge (TASK)

TASK – Metal work

WEX2A/TSTB-2A/TSTB-2B/TMAW-12

Trades Awareness Skills and Knowledge (TASK) is a 5-month, full time, hands-on metal program offered at EMCS in the second semester, in partnership with Camosun College. Metal work focused Trades Awareness Skills and Knowledge (TASK) dual credit course is a full-time semester cohort class that will take place from September to end of January. Students will take trades focused courses at both EMCS and Camosun College - Interurban Campus. At EMCS, instruction will focus on metal fabrication and welding in both a shop and classroom setting. While at Camosun College, students will sample several trades courses which could include sheet metal, heavy duty mechanics, plumbing and electrical. Additionally, all students will be required to participate in a trade-focused work experience program at a local business or company. Work experience has many benefits including on-the-job training and mentorship, employability skills, and possible future employment opportunities. Safety will be a primary focus at all education and work sites. Students will earn up to 16 credits to put towards high school graduation and 8 additional credits at Camosun College. An application for this course can be found [here](#).

Youth Work in Trades

Are you working in a trade? Are you working with a qualified tradesperson? You could be eligible for 16 high school credits. The Youth Work in Trades Program (formerly known as Secondary School Apprenticeship) allows students to receive high school credits for paid workplace-based training. Four

credits are earned for every 120 hours for a total of 16 credits (480 hours). Students participating in the Youth Work in Trades program are registered with the Industry Training Authority (ITA) as apprentices and obtain “time in trade” hours that count towards the completion of the on-the-job portion of an Industry Training Program. Youth Work in Trades students who carry on working in the trades can also qualify for a \$1000 award. Registered Youth Work in Trades students who have completed a minimum of 480 work-based training hours may be able to enroll in Camosun College Level 1 technical training through Youth Train in Trades (formerly known as ACE IT) which will pay for the tuition and earn students more graduation credits! Camosun College offers technical training for the following trades: Automotive Service Technician, Carpentry, Cook, Electrical, Joinery, Heavy Mechanical Trades, Refrigeration & Air Conditioning Mechanic, Plumbing & Piping, Metal Fabrication, Sheet Metal and Welding. Please contact the Career Centre staff for more information and an application package.

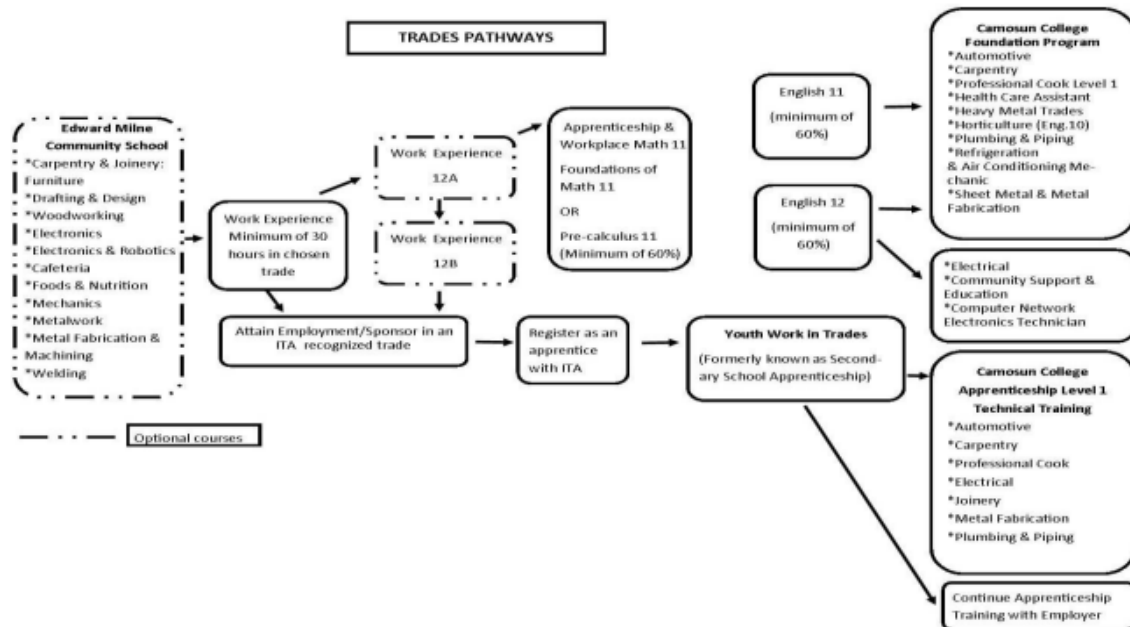
Exploration in Technology (TEAC)

The Exploration in the Technology (TEAC 105) course is offered by Camosun College and is open to Grade 10, 11 and 12 students who are interested in exploring a variety of engineering and technology areas. Students will be introduced to careers and basic skills in the following areas: Computer Science, Electronic and Computer Engineering Technology, Civil Engineering Technology, and Mechanical Engineering. Students must apply by completing a South Island Partnership (SIP) application. Classes take place at Camosun College Interurban Campus – Technology Building and run for 13 weeks on Fridays from 3:00 to 6:00 pm. Please contact the Career Centre for more information.

Camosun College Partnership Programs - SIP

Are you interested in?

<i>Trades</i>	<i>Community Support</i>	<i>Technology</i>
<ul style="list-style-type: none"> • <i>Automotive Service Technology</i> • <i>Carpentry</i> • <i>Cook</i> • <i>Electrical</i> • <i>Heavy Metal Trades</i> • <i>Horticulture</i> • <i>Joinery/Cabinet Making</i> • <i>Metal Fabrication & Sheet Metal</i> • <i>Plumbing & Piping</i> • <i>Refrigeration & Air Conditioning Mechanic</i> • <i>Welding</i> 	<ul style="list-style-type: none"> • <i>Community Support & Education Assistant</i> • <i>Health Care Assistant</i> • <i>Medical Office Assistant</i> • <i>Legal Office Assistant</i> • <i>Indigenous Family Support</i> 	<ul style="list-style-type: none"> • <i>Technologies Exploration (TEAC)</i> • <i>Electronics & Computer Engineering Technology – Renewable Resources</i> • <i>Computer Network Electronics Technician</i> • <i>Information & Computer Systems</i>



All these programs take place at Camosun College and range from 16 to 32 High School credits depending on the program. Grade 10 and Grade 11 is the ideal time to plan for a Partnership Program so that prerequisites for the program and credits for graduation are met. A non-refundable fee is required for registration into these programs. Students must attend Camosun College in their Grade 11 or 12 year. The funding for the SIP courses does not extend to students who have graduated. Contact the Career Centre for more information and an application package. For more information see Ms. Cossentine in the Career Centre or check out the following links:

<http://camosun.ca/learn/lync/>

<http://www.itabc.ca/youth-trades/overview>

Community and School Leadership

Leadership 10/11/12

YCPA-OALEA/-1ALEA/-2ALEA

This course is designed to give students an awareness of social and civic responsibility along with experience and understanding of effective Leadership styles and methods. This year-long course is run outside the timetable in after-school and lunchtime meetings and involves volunteer activities. Considerable emphasis is on project management and personal Leadership. This is a tremendous opportunity for students who want to contribute to the life of the school and community. **COURSE NOTE:** This class takes place outside the timetable.

GRAD Council/GRAD Leadership

YCPA-2CGRA

Grad Council is a Grade 12 focused leadership class with two main purposes: to fund raise (i.e. pizza/candy sales) and organize grad activities for all graduating students. Students are expected to attend early morning meetings regularly and volunteer for several student committees that are responsible for Grad activities. **COURSE NOTE:** This class takes place outside the timetable.

SD62 Online Learning (OL) at Edward Milne Community School

Edward Milne Community School continues to offer personalized, flexible learning opportunities for students, and this year, new for September 2023, we are introducing Online Learning as another way to provide choice for students. EMCS students will have access to SD62 Online Learning Course(s) within Edward Milne Community School. Students can choose to take one or more of their grades 10-12 course(s) via online learning when they complete their EMCS course selection form.

Online courses are designed for self-study, which means you go through the course at your own pace with the support of a teacher. This is ideal for learners who wish to take responsibility for establishing their own timelines and require flexible learning. When a student starts an online course, their teacher will help set a completion date goal. Based on the goal, the teacher will help determine a schedule for completing each section of the course that will allow the student to finish the course on (or ahead of) time.

Greater flexibility also means greater responsibility. Students in an online course, they are responsible for:

- maintaining a regular schedule of working on your online course,
- completing and submitting your assignments,
- following course schedule/meeting the deadlines set at the beginning of the course,
- asking for help when students have questions, and
- reading the feedback/comments

Students who choose to take one or more of their courses online will have two options for completing their course. Students will determine the best option in planning their educational program with their Counselor. **At this stage, all students interested in online learning should select the online option during the course selection process in MyEd.**

Option #1: EMCS Online Learning Classroom

Scheduled time in the EMCS online learning classroom included in the student timetable which the student uses to work on their online course(s). The EMCS OL classroom is supervised by an online learning teacher who can support students with completing their online course(s). This option works well for students who have room in their timetable (their online course is one of the eight courses they are taking), those who need additional structure or support with meeting deadlines, and those who want frequent/easy access to teacher support while they work on their course.

Option #2: Off-site Distance Learning

Students complete their online course(s) at home and access teacher support as needed, or as requested by their teacher, via email, phone, video meeting or in person by appointment. This option is suggested for students who are self-motivated and able to meet deadlines independently, those who need greater flexibility in their schedule due to commitments outside of school, and/or those taking multiple online courses. Students who choose to take an online course as a 9th course (in addition to eight in-person classes) will need to choose this option as they won't have room for OL classroom time within their timetable.

<https://curriculum.gov.bc.ca/curriculum>

Edward Milne Community School Online Learning Courses for 2023/2024

<p>English Language Arts</p> <p>*Students are required to complete 4 credits of English Language Arts at the grade 10 level.</p>	<ul style="list-style-type: none"> • English Composition 10 (2 credits) • English Creative Writing 10 (2 credits) • English Literary Studies 10 (2 credits) • English New Media 10 (2 credits) • English Spoken Language 10 (2 credits) • English Composition 11 • English Spoken Language 11 • English Creative Writing 11 • English Literary Studies 11 • English New Media 11 • English Studies 12
<p>English First Peoples</p>	<ul style="list-style-type: none"> • English First Peoples Literary Studies and Writing 10 (4 credits) • English First Peoples Literary Studies & Writing 11 • English First Peoples 12
<p>Mathematics</p>	<ul style="list-style-type: none"> • Foundations & Pre-Calculus 10 • Workplace Math 10 • Foundations of Math 11 • Pre-Calculus 11 • Workplace Math 11 • Foundations of Math 12 • Pre-Calculus 12
<p>Science</p>	<ul style="list-style-type: none"> • Science 10 • Chemistry 11 • Life Sciences 11 • Physics 11 • Science for Citizens 11 • Physics 12 • Anatomy & Physiology 12 • Chemistry 12
<p>Social Studies</p>	<ul style="list-style-type: none"> • Social Studies 10 • Explorations in Social Studies 11 • 20th Century World History 12 • Law Studies 12 • BC First Peoples 12
<p>Careers Education</p>	<ul style="list-style-type: none"> • Career Life Education 10 • Career Life Connections 12
<p>Physical and Health Education</p>	<ul style="list-style-type: none"> • Physical & Health Education 10

