



COURSE PLANNING BOOK

2021-2022

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GENERAL INFORMATION

INTRODUCTION

Kalamalka Secondary offers diverse programs, services and opportunities to meet the needs of its learners. We encourage the active participation of the student and their parents in formulating choices to meet the student's optimum educational and career goals.

We also encourage students to select a variety of courses to explore their talents, abilities and interests. Students can then make wise choices in their graduation program, which will direct options at the post-secondary level and in the workplace. We make every effort to make information available to students and parents to help them make appropriate choices in course selection. However, **it is the final responsibility of each student and his/her parents/guardians to make the final choices.** Counsellors welcome your questions.

STUDENT SERVICES

COUNSELLING

Counsellors extend a warm welcome to all students and especially those who will be new to our school. Students use counselling services in a variety of ways:

- to explore and develop educational plans
- to mediate between peers, the school and their parents
- to gain information about educational opportunities and community resources
- for self-exploration
- during time of crisis

Counsellors consult with administrators, teachers, parents and support staff regarding the educational, personal and social development of students. Through personal, educational and career counselling, students are helped to discover their strengths, challenges, needs and values. They are encouraged to develop qualities which will help them become self-reliant. They learn that they are in charge of and responsible for their actions.

Students can make their own appointments with

any counsellor. Take a minute to get to know us - we welcome the opportunity!

Parent inquiries are also welcomed by the counsellors. If parents wish to speak with a counsellor, appointments can be scheduled by contacting the school.

LEARNING CENTRE

The Learning Centre at Kalamalka Secondary provides a variety of supports for students. The goal is to provide students with individualized strategies to support their own learning. Strategies can include one or more of the following: understanding personal learning style(s), organization, time management, study skills, listening, note taking, test taking strategies, self-regulation strategies, self-advocacy, metacognition and behaviour management. Students in need of a Learning Assistance Block are usually referred by classroom teachers, counsellors, administrators or parents.

LIBRARY SERVICE

The Kalamalka library is a well-equipped facility located in the heart of the school. The library contains over 13,000 fiction and nonfiction books in its collection. An evolving feature in the Kalamalka Library is the amount and type of technology available and currently it offers twelve desktop computers, thirty laptops, sixty Chromebooks, two 3D printers and a smartboard for students and classes to use. All computers and their applications are configured to enrich course curriculum. A wealth of library information can be accessed from home at

<http://www.sd22.bc.ca/school/kalamalka/Programs/library/Pages/default.aspx>

The library staff welcomes and encourages all students on their educational journey. We hope everyone finds the library resources and the learning environment conducive to their studies. In the library students learn how to use the library catalogue and digital resources and to develop research skills necessary for 21st century learning.



BC NEW CURRICULUM

BC NEW CURRICULUM

All courses follow the new BC redesigned curriculum model. The courses are concept-based and competency driven with the following set of guiding principles:

- A flexible curriculum to better enable teachers to innovate and personalize learning.
- A focus on higher order learning, giving emphasis to key concepts and enduring understandings (BIG IDEAS) that students need to succeed in their education and their lives.
- The explicit use of the cross-curricular competencies that support life-long learnings.
- Respect for the inherent logic and unique nature of the disciplines while supporting efforts to develop cross-curricular units.
- An integration of Indigenous perspectives and knowledge.
- The use of assessment and evaluation programs that align with the redesigned curriculum.

Should you require further information, please visit this website:

<http://curriculum.gov.bc.ca/curriculum-info>

FIRST PEOPLES PRINCIPLES OF LEARNING – FNE SC

Kalamalka Secondary is situated on the Sylix/Okanagan traditional territory. It is essential that the Okanagan learnings be incorporated into the curriculum. All of the new curriculum has content requirements recognizing the traditional and contemporary First Peoples narrative. The First Peoples Principles of Learning recognize the varied needs of all students in the BC school system and are a part of our thinking when planning lessons, units, activities and events.

CORE COMPETENCIES

The core competencies are the intellectual, personal, and social skills that all students need to develop for success in life beyond school. BC has identified three core competencies as essential for all learners:

- Communication
- Thinking
- Personal and Social Competency

Recognizing that the core competencies are directly related to students becoming educated citizens, Kalamalka Secondary students are required to do core competency reflections in My Blueprint. This web based tool can be viewed at home or at school.



COURSE SELECTION

WHAT YOU NEED TO KNOW

To help students and parents in their decisions regarding course selections, the following suggestions are provided.

Factors to consider in final course selection:

- the career the student may choose
- the educational goal of the student
- the student's scholastic ability
- the student's reading ability
- the student's work habits and drive to succeed
- the student's record of attendance
- Universities and Colleges have different admission requirements for each of their programs
- the admission requirements change from year to year. It is each student's responsibility to check specific admission requirements for each university or college program.

GRADE 8 COURSE REQUIREMENTS

All Grade 8 students must take 8 courses.

The grade 8 program is as follows:

- English 8
- French 8
- Math 8
- Physical Education 8
- Social Studies 8
- Science 8
- Career Education 8
- Elective:
 - ❖ Grade 8 Elective Rotation: may include and are not limited to: Art, Drama, Computers, Foods, Textiles, Woodwork and Robotics
 - or*
 - ❖ Band 8 (if chosen, would also receive ½ of Elective Rotation courses)

GRADE 9 COURSE REQUIREMENTS

- English 9
- Mathematics:
 - Math 9 or Math 9 Numeracy
- Physical Education 9
- Science 9
- Social Studies 9
- Career Education 9
- plus elective(s) of the student's choice
-

GRADE 10, 11 & 12 COURSE REQUIREMENTS

Please see Graduation requirements on the next page.

REPEATING COURSES TO UPGRADE MARKS

Hoping to improve a mark, students may request permission to repeat a course they have already passed. Permission to repeat is granted based on:

- availability of space in the course **and**
- School Based Team recommendation.

Repeating a course to improve a mark is a privilege, not a right. Any student repeating a course who is not attending regularly and/or is not keeping up with assignments may be removed from the course.



GRADUATION REQUIREMENTS

WHAT YOU NEED TO GRADUATE

80 credits minimum. Most courses = 4 credits.
Recommended minimum 88...

- **52 required course credits**
- **28 elective credits**
- **16 credits minimum must be at the Grade 12 level, including a required Language Arts 12**
- **4 credits must be a Fine Art/Applied Skill in either grade 10,11 or 12**
- **8 credits must be Career Life Education and Career Connections.**
- **Capstone is completed by Grade 12**
- **Graduation Numeracy Assessment is expected to be complete by Grade 11**
- **Graduation Literacy Assessment 10**
- **Graduation Literacy Assessment 12 must be completed for students graduating in 2021 and later**

REQUIRED COURSES

English 10 (2 courses)	2+2
English 11 (choice of 3 courses)	4
English Studies 12	4
a Mathematics 10	4
a Mathematics 11 or 12	4
Physical Health Education 10	4
CLE (Career Life Education)	4
Science 10	4
a Science 11 or 12	4
Social Studies 10	4
a Social Studies 11 or 12	4
a Fine Arts 10, 11 or 12 and/or an Applied Skills 10, 11 or 12	4
Career Life Connections 12.....	4

Total **52 credits**

ELECTIVE COURSES

28 credits

Students must earn at least 28 elective credits for Grade 10, 11 & 12 courses.

CAPSTONE

The Capstone Project is an opportunity for students to showcase their learning from school and from life experiences into a meaningful presentation that demonstrates the skills they will take into post-Kalamalka life. The project will be presented near the end of each semester. Capstone projects can be expanded upon in order to participate in the District Project Scholarships in the Spring.

OVERALL TOTAL

80 credits

Of the 80 credits for graduation at least 16 must be at the Grade 12 level including a Grade 12 Language Arts course. Others may be required or elective courses.

All Ministry-authorized and Board/authority-approved courses count toward graduation.

GRADUATION ASSESSMENTS

As a student you are required to write:

- **Graduation Numeracy Assessment 10**
- **Graduation Literacy Assessment 10**
- **GLA 12 (2020/2021)**

For more on Graduation Assessments go to:

<http://curriculum.gov.bc.ca/assessment/literacyassessment>



EXTERNAL COURSE CREDITS

Students and parents should be aware that students may earn External graduation credits in Grade 10, 11 or 12 for documented proficiency in advanced academics, languages, music, dance, athletics, community youth development programs and industrial/occupational courses.

Areas that qualify for external graduation credit include:

➤ **Music:**

BC Conservatory of Music, Conservatory Canada, Royal Conservatory Music, Victoria Conservatory Music, Trinity College-London, etc.

➤ **Dance:**

Jazz, Cecchetti, Tap, Modern Theatre Dance, Royal Academy of Dancing, etc.

➤ **Drama, Speech and Effective Communication:**

Trinity College: Drama, Effective Communication and Speech and Drama, etc.

➤ **Languages:**

Challenge, equivalency and external language credit, etc.

➤ **Sports:**

Athlete, Coach, Official Youth Development: Cadets, 4-H, Guides, Scouts, etc.

➤ **Industrial and Occupational:**

Tourism, Wood products, Lifesaving, Red Cross Water Safety Instructor, First Aid, Computer Certification, ICBC Driver Ed, Canadian Private Pilot's License, etc.

➤ **Work Experience and Volunteering:**

Students that work or volunteer can qualify for WEX12A or WEX12B (4 Credits). See the School Career Coordinator for information and to apply.

- *Please bring official documentation to counsellors.*
- *More information about external course credit possibilities and challenge procedures are available from the Ministry of Education Website under External Credits.*

APPRENTICESHIP PROGRAMS

Apprenticeship programs provide important opportunities for secondary students who are

interested in pursuing a career involving on-the-job training. Presently in British Columbia there are over 100 apprenticable vocations. More information on apprenticeship and district programs is available at

<http://www.sd22.bc.ca/Pages/default.aspx>

WHAT ARE THE BENEFITS FOR STUDENTS?

- Four courses totaling 16 credits/480 hours (MWRK 11A, MWRK11B 11B, MWRK 12A, MWRK 12B).
- Entry into apprenticeship while enrolled in Secondary School.
- 'Hands on' learning and experiences.
- 'Earn While You Learn' (minimum wage or better).
- Match up with an employer in the trade which the student is interested.
- There are six \$1000 scholarships if employed in the trade 6 months after completing grade 12. The student must have maintained a 70% school average.

HOW DOES A STUDENT QUALIFY?

- Students must complete an application package available from the school Career Coordinator.
- Applications will be screened by the District Career Coordinator and suitable candidates will be interviewed.
- If selected, SD22 will pay the student's entire tuition to their program of choice. Tuition costs range from \$3000 - \$9000.



DUAL CREDIT PROGRAMS

Dual credit programs provide opportunities to students (grade 11 & 12) who are interested in pursuing a career starting in high school and receiving a minimum of 16 credits. These courses are in addition to a full Kal course load. The following programs are currently available to students:

- Automotive Tech
- Carpentry & Joinery
- Certified Education Assistant
- Culinary Arts
- Electrician
- Nursing Unit Assistant
- Plumbing
- Residential House Construction
- Welding
- And more...

HOW DOES A STUDENT QUALIFY?

Students must complete an application package available at each secondary school Career Centre and submit to school Career Coordinator.

- Applications will be screened by the District Career Coordinator and suitable candidates will be interviewed.
- Final selections will be based upon a successful interview by District Career Coordinator and a post-secondary representative.



ACADEMIC DUAL CREDIT COURSES

Okanagan College and **School District #22** have partnered together to offer grade 12 students the opportunity to earn university-transfer credits and secondary school graduation credits at the same time.

These courses will be available to high school students in the late afternoon or evenings in either the fall or winter terms and are transferable to universities and colleges. The courses are sponsored by School District #22.

Interested? Please see your Principal for more information about how to enroll.

FALL TERM UNIVERSITY STUDIES - ARTS

INDIGENOUS STUDIES 100 – INTRODUCTION TO INDIGENOUS STUDIES

Fall Term Sept-Dec Wed 5:30-8:30PM

Indigenous Studies introduces students to historical events, concepts, and interactions critical to understanding Indigenous peoples in BC, Canada and worldwide. In this course students will become more informed about historical events that shape current Indigenous peoples' relationships with Canadian society, politics, education, economy, social justice and cultural renewal. You will study issues such as mining rights, pipelines, Aboriginal programs in schools, Indian Bands, missing and murdered Indigenous women, etc.

Class discussions will also help students to become more critically informed about common misconceptions, stereotypes, and racialized language.

ECONOMICS 115 – PRINCIPLES OF MICRO-ECONOMICS – THE STUDY OF DECISIONS

Fall Term Sept-Dec Tues/Thurs 3:30-5:00PM

Each day you make thousands of decisions. Many decisions have short term consequences. What do I buy for lunch? What do I do after school? What phone should I buy? Some decisions have a huge impact on your life. Should I stay in school or look for work? What type career should I choose? In Microeconomics we study how to best make these types of decisions in our lives and learn why sometimes we don't always make the best decisions.

Have you ever wondered why Apple charges 3 times as much for the latest iPhone than Alcatel does for their latest phone? In Microeconomics we



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will also study decisions made by companies and gain a better understanding of how they attempt to influence our decisions.

**POLITICAL SCIENCE 101 –
INTRODUCTION TO POLITICS**

Fall Term Sept-Dec Tues/Thurs 4:00-6:00PM

Political Science, or Politics, is the study of how the world really works. We study power: Who has the power to make rules and to control others? We study resistance to power: Who is willing to risk rising up against unfair rules or systems of power? We study the role of the state, or government of the day, asking such questions as: Does the government have the right to spy on me online, even though I'm innocent? Should rich countries help poor ones or focus on increasing inequality at home? Why are young people joining up to fight with terrorist groups, and what can be done about it? What is being done about the crisis of climate change and environmental degradation? In Political Science, we explore national and global problems and strive to find solutions to them in order to make a better world.

**BUSINESS ADMINISTRATION
PROGRAM**

**BUSINESS ADMINISTRATION 128 –
COMPUTER APPLICATIONS 1**

Fall Term Sept-Dec Mon/Wed 4:00-6:00 PM

This course teaches students to become proficient with Word, Excel, and PowerPoint. Microsoft Office computing skills are the number one requested skillset on business-related job postings. Not only will these skills help the students excel in their post-secondary education, but will also give students an advantage in their pursuit of employment in many different businesses. Computer Applications 1 is a required course for the Business Administration Diploma and/or Degree. have taken or are enrolled in both Math 11

ASTRONOMY 111– ASTRONOMY 1

**Fall Term Sept–Dec 20 Mon/Wed 3:30-5:00 PM
Mon Lab 5:30-8:30 PM**

Astronomy is the study of our Universe! In this

first-semester course, you will learn about how the Sun, Moon and stars move in the sky, why the Moon has phases, the tools that astronomers use to understand the Universe, and how our understanding of the Universe has progressed over thousands of years. In the last part of the course learn how our Solar System was formed, and explore the planets, moons, comets and asteroids that make it up. Classroom discussions on the latest discoveries in the exploration of the Universe take place weekly.

This course meets the requirement for an ARTS student's required science credit and can be a Science student credit. There are three versions of this course available at the same day/time depending on whether students require a Science lab credit or not.

**WINTER TERM
UNIVERSITY TRANSFER - ARTS**

**ENGLISH 100 – University
Writing**

Winter Term Jan–Apr Tues/Thur 3:30-5:00PM

English 100 is an introduction to academic writing that is required in colleges and universities. It is often taken by students who want to learn various writing skills and strategies that will assist them throughout their education. In this course, you will learn how to read and think critically; how to develop thesis statements; how to present and support arguments; how to edit your writing; how to examine English from a grammatical standpoint; and very importantly, how to cite sources of information. You will examine a number of renowned non-fiction texts: from standard written essays and articles to two-dimensional texts, such as paintings, photographs and films.

POLITICAL SCIENCE 111

Winter Term Jan-April Mon/Wed 3:30-5:00PM

Paying attention to what your government is doing is a vital first step towards ensuring a vibrant democracy, good government and the protection of your human rights. . This is one of the key lessons learned in the Government of



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Canada. This introductory course provides students with a basic understanding of the “game of politics”, including the players, the rules of the game (aka institutions, laws), and how these rules are made through interactions between the government and citizens. We begin the course by studying the social, cultural and economic realities in Canada and what needs to change. Next we look at the key institutions and how to reform them, including the three branches of government – executive, legislature (Parliament) and judiciary or courts system. Last, we focus on exploring Canadians’ human rights and Aboriginal Rights as set out in our Constitution and the Charter of Rights and Freedoms. Our overall concern in class discussions is how we can make Canada a better place to live for all.

BUSINESS ADMINISTRATION PROGRAM

BUSINESS ADMINISTRATION 116 – MARKETING

Winter Term Jan-Apr Mon/Wed 5:00-6:30PM

In the 21st century's competitive global marketplace customers have unlimited choices among products, therefore the quality of an organization's marketing activity will determine whether it succeeds or fails. Topics include identifying customer needs, monitoring changes in the environment, managing products/services, distribution, promotion and pricing. Students will be engaged in discussions on:

- *Why a brand is powerful for keeping customers in a rapidly changing world.*
- *How organizations need to show social responsibility*
- *The value of being customer focused*
- *The factors that influence customers and how to employ these factors in product and service offerings.*

BUAD 116-Marketing is a required course for the Business Administration Diploma or Degree.



POST-SECONDARY EDUCATION

TO APPLY TO COLLEGES/UNIVERSITIES:

When planning for post-secondary education it is imperative that students and parents understand that graduation from secondary school does not guarantee entry into an institution of advanced training or education. While there are specific requirements that must be met for graduation, there are also particular entrance requirements for *each* college and university program.

It is the student's responsibility to research and determine the entrance requirements for each program/faculty of interest.

Information on current college and university entrance requirements can be obtained from a number of sources. The most current and accurate information can be obtained on-line from each institute's website. The information on these websites is the most accurate and is updated frequently to reflect on-going changes. This research should begin as early as grade 10 to ensure that proper **Recommended Prerequisites** are taken from grades 10 to 12. Counsellors are available to assist in this process.

If a student is unsure about what program(s) he/she might like to enter after they graduate, they should research the various programs offered at different colleges, technical schools and universities to see what programs are available. If, after doing research, a student is still unsure about what they might like to do, he/she should enrol in high school courses that will allow them to apply to a general department such as Arts or Science and/or in courses that will allow them a number of possibilities after graduation. Again, counsellors are available to assist in this process.

Counsellors provide a district post secondary information session in the fall for students in SD22. Watch for the details posted in September. In addition, administrators and counsellors provide grade-specific presentations for students during the spring "Course Planning Process".

TO APPLY TO COLLEGES/UNIVERSITIES:

Post-secondary institutions require you to complete specific courses and obtain a minimum grade point average for each program. Careful planning in Grades 10, 11 and 12 will ensure you have all the courses and credits you need to attend a post-secondary institution.

FINANCIAL ASSISTANCE

Financial assistance for post-secondary education is available in the form of scholarships, awards, bursaries and loans. Scholarships are awarded on the basis of academic excellence; awards are granted in recognition of outstanding extracurricular contributions to the school or community; bursaries are given to students who demonstrate financial need. Student loans are administered by the financial aid offices of postsecondary institutions and are available to students who meet specific qualifications.

<https://studentaidbc.ca>



THE ADVANCED PLACEMENT PROGRAM®

WHO SHOULD CONSIDER TAKING AN ENGLISH AP COURSE?

The characteristics below contribute to a student's success in AP courses.

- A proven record of success in school, particularly in the regular courses that lead to the AP course that you are thinking of taking.
- A serious commitment to and recognition of the importance of education.
- Motivation to achieve an ever-higher level of personal achievement.
- A well-developed work ethic including positive attitudes towards learning, challenge, and the consistent production of high quality work.
- AP is not a gifted program for the select few. It is a program of enrichment and acceleration for the interested and motivated student.

WHAT ARE THE AP EXAMS?

Each of the AP courses has a final exam. For a college or university to consider granting you credit or placement for your AP course, you must write and pass the AP exam for that course. This exam is developed by a committee of AP teachers and University professors under contract to the College Board. The exams are 3 hours long and are written worldwide during the second and third week in May each year. The exams are sent to the College Board who hires AP teachers and University professors to mark them. Results of the exam are converted to a 5-point scale and mailed to students, their secondary school and colleges or universities of the student's choice. The mark on the exam is really the College Boards way of providing recommendations to universities about the relative preparedness of this student for advanced placement at their university.

UNIVERSITY ACCEPTANCE OF AP

Every university develops their own acceptance policy for AP as they see fit. Contact universities directly to discuss acceptance.

COST

The fee for each AP Exam is \$110.00. The corresponding amount in Canadian funds is calculated according to current currency exchange rates.



DISTRICT PROGRAMS

SCHOOL DISTRICT NO.22 OFFERS

The School District offers many other programs such as; Forestry, Soccer, Hockey, Baseball, Golf, Snowsports, Earthquest, First Responder Academy, Students Without Borders Academy, and Secondary School Apprenticeships. For more information see the district website under Academies and Special Programs.

DL ONLINE LEARNING

Online learning applications will be available in August on the Kal website or in the school office. The forms need to be signed by a parent/guardian and must be approved by school administration.



GRADE 8 • REQUIRED COURSES

ENGLISH 8

MEN--08

Listening, speaking, reading, writing and language skills will be taught. The study of literature using novels, poetry and short fiction will emphasize appreciation and enjoyment. Reading skills are reinforced through the sustained silent reading program and self-directed student writing through the use of student journals. A departmental final exam will be written by all English 8 students.

FRENCH 8

MFR--08

This course further develops the concepts begun in elementary school. Through increased participation in speaking, listening, reading and writing, students will develop skills to use French to communicate and acquire information. Students should be able to use simple phrases to talk about themselves and the world around them. Assessment will be both formative and summative using a variety of different activities such as, but not limited to, projects, tests, self-evaluations, and rubrics.

MATHEMATICS 8

MMA--8

This mathematics course is designed to develop numeracy skills by combining mathematical knowledge, communication skills, problem solving, connecting ideas, reasoning, mental math, estimation, visualization, and the use of technology. Students will construct their own meaning out of mathematics, understand math in meaningful contexts, and learn to move from concrete to abstract ideas by linking concrete, pictorial, and symbolic concepts. The course will focus on the Five Big Ideas of Number Representations, Computational Fluency, Linear Relationships, Spatial Relationships, and Data Analysis.

PHYSICAL HEALTH EDUCATION 8

MPHE-8

Our program goal is to develop Kalamalka students who are healthy, energetic, socially and emotionally confident largely because they are physically active. Students will gain an understanding of how daily participation in

different activities influences our physical literacy and personal health and fitness goals. To facilitate this goal, instruction is guided by our department motto: FUN, FITNESS, FAIR PLAY, FRIENDSHIP AND FUNDAMENTALS. The main content of this course is team games. The basic skills in each sport, fitness development and an understanding of the influence of healthy choices and healthy relationships will be emphasized.

SCIENCE 8

MSC--08

This is a course aimed at developing your scientific inquiry skills and knowledge in the four major areas of science. There is one BIG IDEA for each of the areas of science: life processes/cells, matter (KMT/atomic theory), optics, and plate tectonics. This is combined with the core competencies that will provide students with a solid foundation for science studies in the future.

SOCIAL STUDIES 8

MSS--08

Social Studies 8 examines the changes in social, political and economic systems and structures of civilizations between the 7th Century and 1763. These civilizations changed due to the contact and conflict between nations and ideology. This contact and conflict brought on exploration, expansion, and colonization which had different consequences for each group. Throughout this time period there were significant scientific and technological innovations which lead to philosophical and cultural shifts in thinking, exchanges of ideas, development of art and interaction between cultures – sometimes for the better; sometimes for the worse. Finally students will look at human and environmental factors that helped shape changes in populations and living standards. Within this framework there will be a study of geography skills which includes, but not solely limited to, mapping skills, environmental problems and solutions and global place name recognition.



GRADE 8 • ELECTIVE COURSES

Students will be given an introduction to each of these primary electives in our Elective Rotation. Students who choose Band will be assigned 4 additional electives from the following:

STEM 8

MSC--08/MMA--08

STEM 8 is an interdisciplinary program designed to allow students to explore their passion for science, technology, engineering and mathematics all in one curriculum. This course will be yearlong and will be taught in an interdisciplinary format covering the Grade 8 Science and Mathematics curricular outcomes. Students will explore coding; use of the google platform as a collaboration tool; and explore technology that includes Lego Mindstorm robots, drones, virtual and augmented reality. This course offers an innovative approach to learning in which students use problem solving skills to tackle hands-on learning activities. Students will demonstrate learning through creative thinking and technology while using digital media and environments to communicate and work collaboratively. The course will culminate with a comprehensive inquiry project selected by students. Students will be provided the opportunity to explore the cross curricular nature of Science, technology, engineering, and mathematics in a stimulating, hands-on environment. Interested students are required to complete an application form. Space is limited.

ART 8

MAE--08

Art 8 serves as an introduction to secondary school art providing an important foundation not only for future art courses, but also for using visual information in all secondary school courses. The class focuses on basic skill development in the areas of drawing, painting, design and three-dimensional work.

TEXTILES 8

MADT-08

In Textiles 8 students develop the knowledge and skills necessary to enable them to apply design processes to working with textiles – including exploring the following topics: sources of textile materials, hand and machine construction techniques, components of patterns, colour as a

design element, and personal factors that influence textile choices.

COMPUTER APPLICATIONS 8

MADCC08

This introductory course is designed to introduce students to the computer systems at Kal. Conducting database research, effective Internet searching skills and use of the Library are major units. Students will also develop skills needed to prepare reports in all subject areas.

DRAMA 8

MAE—08D22D

Drama 8 is a course in developmental drama where students learn about themselves and those in their class with them. Through theatre games and activities, we will focus on building confidence and facilitating communication. Students are encouraged to trust both themselves and one another as they develop skills essential for Drama (teambuilding, problem-solving, focus and self-expression).

FOODS AND NUTRITION 8

MADFS08

Foods 8 serves as an introductory Foods course in the Grade 8 elective rotation. Students will learn food safety and equipment basics, a variety of food preparation strategies, elements of a recipe and the effects of removing or substituting ingredients. Students will engage in discussions related to factors impacting food choice and First Peoples food use and how it has changed over time.

CAREER EDUCATION 8

MCE--08

Career Education 8 is a 5 week course within the grade 8 elective rotations. This course covers an introduction to Google Suite where students learn the use of various applications that will be used throughout their high school years. There will also be units in Coding – learning basic computer



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coding systems; Career Education – students will start the process of exploring future career opportunities and creating portfolios to showcase their learning using the myBluePrint software system; Digital Awareness – students learn the ups and downs of social media and how to protect their privacy.

WOODWORK 8

MADW-08

In this introduction to wood technology, students will learn proper and safe techniques in constructing projects in a shop environment. Basic projects are designed to learn safe hand and power tool operations. Students will have input into the final design of their projects.

MUSIC: CONCERT BAND 8

MAE-08D22G

Band 8 is open to all students, both experienced and beginning. Band 8 takes students through technical exercises and literature that will develop their note reading, rhythm, tone quality, and intonation. Basics of music theory will be reviewed or introduced as encountered in the literature. The music played in this ensemble will expose students to a variety of musical styles. Band 8 students may be requested to learn a new instrument to help balance the group. Grading is on concert preparation and participation, rehearsal skills (personal conduct, contributing to a group effort), and skill development related to the instrument. Some instruments are available from Kal at no cost. Regular home practice is required for success in this course. There will be at least three evening concerts that must be attended.

DESIGN THINKING 8

MADR-08

The ability to design, make, acquire, and apply skills and technologies is important in the world today and key in the education of citizens for the future. Design Thinking is an experiential, hands-on program of learning through design and creation that includes skills and concepts that will support students in developing practical, creative, and innovative responses to everyday needs and challenges. Design involves the ability to combine an empathetic understanding of the context of a challenge, creativity in the generation of insights and solutions, and critical thinking for analyzing and

fitting solutions to context. To move from design to final **product or service requires skills** and technology.

MUSIC: JAZZ BAND 8

MAE-08D22F (Year-long/Out-of-Timetable)

Jazz Band 8 is open to Concert Band 8 students who demonstrate outstanding progress on their instruments. This course exposes students to the basic concepts of jazz playing. Students do not sign up for Jazz Band – they are selected after demonstrating their commitment and proficiency. Regular home practice is required for success in this course. There will be at least three evening concerts and two festivals that must be attended.

MUSIC: CHOIR 8

MAE-08D22E (Year-long/Out-of-Timetable)

The general aim of the choral program is to foster enjoyment of music through singing. No previous signing experience is necessary. Students will receive instruction in proper vocal technique, unison and part signing, sight singing, and basic music theory. This is a performance course and will require students to participate in extra-curricular performances at the school and other venues. Performances are considered part of class time and are a mandatory part of this course. There will be at least 5 evening concerts per year that must be attended. Regular home practice is required for success in this course. Opportunities will be made available for solo, small ensemble and large ensemble performances. Classes run year-long and are held outside the regular school schedule on Tuesdays from 3:15-5:00pm and Fridays from 7:00-8:20am.

ROBOTICS 8

MADR-08

This is an introductory course in robotics utilizing Lego Mindstorm and Spheros. This course will introduce students to basic programming as well as problem solving strategies. This course will involve students in the development, building and programming of a LEGO Mindstorm robot. Students will also learn to Code using Swift Playgrounds and Spheros. Students will work hands-on in teams to design, build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates,



decision-making, timing sequences, and propulsion systems. Student designed robots will be programmed to complete various assigned tasks.

ENTREPRENEURSHIP 8

MADEM08

Welcome! In this course, it is our aim that students learn more about themselves, each other, entrepreneurship and the world they engage with. Entrepreneurship 8 has been designed to engage students in understanding an important growing aspect of opportunities in our world. Students engaging in the course will gain an insight into their motivations, interest, emerging talents and passions. They will also explore aspects of entrepreneurship including social entrepreneurship and will be involved in the process of developing and creating a product or idea, marketing it to a target audience and reflecting on its potential. They will experience working independently and collaboratively, and begin to understand aspects of building community.



GRADE 9 • REQUIRED COURSES

ENGLISH 9

MEN--09

The skills of the Grade 8 English curriculum are developed in greater depth. At least one book-length work of fiction is studied, as are readings in short fiction and poetry. Language and composition techniques are emphasized, as well as self-directed journal writing. Students are introduced to the study of Shakespeare. All English 9 students will write a departmental final exam.

MATHEMATICS 9

MMA—09D22A

Mathematics 9 consists of the following concepts: Operations with Rational Numbers, Exponents, Polynomials, Two-variable Linear Relations, Algebra, Proportional Reasoning, Statistics, and Financial Literacy. Problem solving is integrated throughout the course while reasoning and communicating mathematically are major emphases. The course will focus on the Five Big Ideas of Algebraic Representations of Numbers, Computational Fluency, Linear Relationships, Proportional Relationships, and Data Analysis. Students require a scientific calculator.

SCIENCE 9

MSC--09

This is a course aimed at developing your scientific inquiry skills and knowledge in the four major areas of science. There is one BIG IDEA for each of the areas of science: asexual/sexual reproduction, elements/periodic table/nomenclature, use and understanding of electrical energy, and Earth's spheres (energy flow and matter cycling). This is combined with the core competencies that will provide students with a solid foundation for science studies in the future.

PHYSICAL HEALTH EDUCATION 9

MPHE-09

The major emphasis of this course is to expand and build on the basic skills and big ideas taught in Grade 8 and to incorporate more individual and dual activities. Understanding the importance of life-long participation in physical activity as part of a healthy lifestyle is emphasized. The curriculum focuses on the connections between physical, intellectual, mental and social health.

PHYSED 9/10 HEALTHY LIFE

MPHE-09/10

Healthy Lifestyle 9/10 provides students with an alternative to the regular PE 9 and 10 programs. It is designed to appeal to the student that is interested in developing a healthy and active lifestyle in a more relaxed, non-competitive atmosphere. It is intended to be more individualized than team sport oriented. Students enrolled in this course will participate in a walking program, learn about health and nutrition, use the school fitness room, learn and apply alternate fitness activities and partake in various community related activities.

SOCIAL STUDIES 9

MSS--09

The Curricular Big Ideas in Social Studies 9 are:

- ~ Emerging ideas and ideologies profoundly influence societies and events.
- ~ The physical environment influences the nature of political, social, and economic change.
- ~ Disparities in power alter the balance of relationships between individuals and between societies.
- ~ Collective identity is constructed and can change over time.

Social Studies 9 focuses on events, issues, and topics in European and North American and Indigenous history from 1750 to 1918. Students learn how political, social, economic and technological revolutions lead to the rise and power of the nation state and imperial conquest. We continue the examination of the First Peoples of Canada, the impacts of colonialization as well as current reconciliation processes. Current events and select inquiries in geography and environmental issues will also be examined.

CAREER EDUCATION 9

MCE--09

Career Education 9 follows closely behind what students learned in Career Education 8 but in much greater detail. Additional units include Financial Literacy, Occupational Research and Post-Secondary options. Students in CE9 will also start the preparation of the Capstone Graduation project through exploring a wide variety of opportunities that will demonstrate their understanding of the world around them.



GRADE 9 • ELECTIVES

ART 9

MA--09

Art 9 expands on the general introduction to secondary school art begun in Art 8. Students continue to build on observational and creative skill development, as well as technical skills using a variety of materials and processes. The elements and principles of art and design serve as a basis for projects which include: drawing, painting, collage, printmaking and sculpture.

DRAMA 9

MDR--09

Drama 9 continues to explore principles and techniques of developmental drama as introduced in Drama 8. Creating confidence and facilitating communication are two main themes of class activities. Drama skills are improved through script work, improvisation, theatre games, and some technical duties. Along with teamwork, problem-solving, and self-expression, students are encouraged to take more creative risks with their performance skills.

COMPUTER STUDIES 9 (INFO TECH)

MADIT09

Learn to:

- ~ Create innovative and dynamic web-pages
- ~ Create stunning PowerPoint presentations
- ~ Create fun animations
- ~ Improve and manipulate pictures using
- ~ Fireworks with an intro to Photoshop (CS5.5)
- ~ Create brochures, birthday cards,
- ~ Calendars, etc. using Publisher
- ~ Use Word effectively (word processor)
- ~ Improve your keyboarding skills

This is an excellent course for anyone wishing to enter university, college, or the trades.

FRENCH 9

MFR--09

This course further develops the concepts begun in French 8. Through increased participation in speaking, listening, reading and writing, students will develop skills to use French to communicate and acquire information using the past, present and future tenses. Students will be able to exchange ideas and seek clarification of meaning in conversations. Assessment will be both formative and summative using a variety of different activities such as, but not limited to, projects, tests, self-evaluations, and rubrics.

TEXTILES 9

MADT-09

The course focuses on using a pattern and basic sewing techniques. Several projects such as boxer shorts or pajama pants and hoodies will be included, as well as a textile arts projects using tie dye. Note: Students will be required to provide sewing supplies and materials for their projects or pay a project fee.

FOODS 9

MADFS09

An introductory course, Foods 9 will provide students with basic food preparation skills, preparing recipes using a variety of techniques. Course content includes information on transmission of foodborne illness, ethical issues related to food, the variety of factors that influence food choice and First Peoples traditional food use.

WOODWORKING 9

MADW-09

Woodworking 9 is a project-oriented course using both hand and power tools. An emphasis is placed on safe shop behaviour and tool operation. Students are required to complete 4 different course projects that utilize various joinery and machining techniques. When time permits students will have input into the design and construction of their final projects. There will also be an introduction to drafting skills.



GRADE 9 • ELECTIVES

ROBOTICS 9

MADER-09

This course will introduce students to basic programming as well as problem solving strategies. Students will investigate social and environmental impacts of robotics. They will work on personal design interest and refine skills. Tools and technologies will be adapted for purpose. Students will design and produce robotics using a variety of technologies. Students will work hands-on in teams to design, build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates.

DRAFTING 9

MADD-09

In MDD students will be designing and drawing 2D and 3D objects. This is a recommended class for all future Engineers and Trades people. We will use AutoCAD, Illustrator and Sketchup to complete units on Orthographic drawings (2D) as well as Pictorial Drawings (3D). We will spend some time on Architectural drawings depending on student interest. Students can also expect to do some 3D hands on building models to reinforce the concepts that were developed using CAD software.

ENTREPRENEURSHIP 9

MADEM-09

In this course, it is our aim that students learn more about themselves, each other, entrepreneurship and the world they engage with. Entrepreneurship 9 has been designed to engage students in understanding an important growing aspect of opportunities in our world. Students engaging in the course will gain a deeper insight into their motivations, interests, emerging talents and passions. They will explore aspects of entrepreneurship including social entrepreneurship and will be involved in the process of creating and reflecting on potential, market need and developing business plans. We will incorporate learning from other entrepreneurs too. Entrepreneurship 9 builds on the Entrepreneurship 8 course, but is not a prerequisite.



MUSIC: CONCERT BAND 9

MMU--09

Band 9 is open to all students, both experienced and beginning, but beginners must be willing to put in the extra work required to catch up. Band 9 takes students through technical exercises and literature that will develop their note reading, rhythm, tone quality and intonation. The music played in this ensemble will expose students to a wider variety of musical styles than were encountered in grade 8. Band 9 students may be requested to learn a new instrument to help balance the group. Grading is on concert preparation and participation, rehearsal skills (personal conduct, contributing to a group effort), and skill development related to the instrument. Regular home practice is required for success in this course. There will be at least three evening concerts that must be attended.

MUSIC: JAZZ BAND 9

MAE—09D22H (Year-long/Out-of-Timetable)

Jazz Band 9 is open to Concert Band 9 students who demonstrate outstanding progress on their instruments. This course exposes students to the basic concepts of jazz playing. Students are invited after demonstrating their commitment and proficiency. Regular home practice is required for success in this course. There will be at least three evening concerts and two festivals that must be attended.

MUSIC: CHOIR 9

MAE—09D22G (Year-long/Out-of-Timetable)

The general aim of the choral program is to foster enjoyment of music through singing. No previous signing experience is necessary. Students will receive instruction in proper vocal technique, unison and part signing, sight singing, and basic music theory. This is a performance course and will require students to participate in extra-curricular performances at the school and other venues. Performances are considered part of class time and are a mandatory part of this course. There will be at least 5 evening concerts per year that must be attended. Regular home practice is required for success in this course. Opportunities will be made available for solo, small ensemble and large ensemble performances. Classes run year-long and are held outside the regular school schedule on Tuesdays from 3:15-5:00pm and Fridays from 7:00-8:20am.



GRADE 10, 11 & 12 • LANGUAGE ARTS/HUMANITIES

ENGLISH LANGUAGE ARTS 10

**MLTST10/MNMD-10/ SPLG10 /MCMPS10/
MCTWR10**

The curriculum of English Language Arts 10 consists of five separate strands of focus: literary studies, media studies, spoken language, composition, and creative writing. This class will have a foundation of literary studies while the other four elements will be introduced throughout the semester in order to provide students with the opportunity to become effective communicators, to develop and express their own ideas, and to think deeply and critically about the ideas of others. The student will choose one of the four other strands for further exploration in order to demonstrate a deeper understanding for a final project. There will also be a general demonstration of understanding of the general concepts of Language Arts at a grade 10 level through a final assessment at the end of the year.

ENGLISH 11 CREATIVE WRITING

MCTWR11 (4 Credits)

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. 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.

ENGLISH 11 LITERARY STUDIES

MLTST11 (4 Credits)

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 media. Giving students the choice of a arrange of literary topics allows them

to follow their passion and at the same time:

- Increase their literacy skills through close reading of appropriately challenging texts
- Enhance their development of the English Language Arts curricular competencies, both expressive and receptive
- Develop balance and broaden their understanding of themselves and the world
- Further develop higher-level thinking skills

ENGLISH 11 NEW MEDIA

MNMD-11 (4 Credits)

New Media 11 is a program of studies designed to reflect the changing role of technology in today's society 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 centred 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 tests 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.

ENGLISH STUDIES 12

MENST12 Provincial Exam: Mandatory

Critical reading and literary analysis are the basis of this course. Composition focuses on the development of a competent and mature writing style. Preparation for post-secondary English courses is a goal. Successful completion of this course meets the admission requirement for post-secondary institutions.



ENGLISH 10/11/12 FIRST PEOPLES

MEFP10/11/12

Literacy Assessment Mandatory for Gr. 12

Equivalent to English 10-12

Can be taken in place of English 10-12

Open to ALL students

Accepted at all BC post-secondary institutes

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 (fiction and non-fiction).

ENGLISH LITERATURE 12: AP ENGLISH /

APELC

LANGUAGE AND COMPOSITION 12: AP ENGLISH

APEN

These two AP courses will now be offered with English Studies 12 as a full year course. Students will get credit for ENST 12, APELC and APEN in this year long course. (12 Grade 12 credits in total)

ENGLISH LITERATURE 12: AP ENGLISH

APELC

Prerequisite: EN11 (≥ 80% recommended)

Fees: \$110.00 if the optional AP exam is written

This is the advanced elective course in English and must be taken in addition to English 12. This is a survey course tracing the development of English literature from Anglo-Saxon time to the 20th Century. It is particularly valuable for students who wish to acquire the wide reading background and critical skills necessary for university humanities courses. This course will be about reading poems, plays and prose throughout the ages. In addition to the English Lit 12 class, students will have a chance to meet the requirements of Advanced Placement (AP) in Literature and Composition. AP is an option for top students to write an exam in May which could give them an exemption from taking a first year English course in university or college. This means that there will be some college elements and components covered in high school. A successful AP exam result will be 3 additional credits. The focus will be on wide-ranging literary experiences in all disciplines of literature: poetry, prose, drama

and expository. Also, the students will concentrate on two areas of composition: critical analysis of what is read and creative writing. This class is open to the top English students of the school in terms of both academic ability and a keen desire to excel.

LANGUAGE AND COMPOSITION 12: AP ENGLISH

APEN

Prerequisite: English 11 (80% or better recommended) Fees: \$110.00 if the optional AP exam is written.

This is an advanced elective course in English that is the gateway for success in University or college and for writing across the curriculum. This course engages students in becoming skilled readers and prose in a variety of rhetorical contexts. The emphasis will be placed on expository, analytical and argumentative writing and speaking that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the development of writing in any context. Some themes that will be included in the course are: Memoirs, Gender and Cultural stereotypes, Documentaries and Visual and Multimedia Arguments.

SOCIAL STUDIES 10

MSS--10

The Curricular Big Ideas in Social Studies 10 are:

- Global and regional conflicts have been a powerful force in shaping our contemporary world and identities.
- The development of political institutions is influenced by economic, social, ideological, and geographic factors.
- Worldviews lead to different perspectives and ideas about developments in Canadian society.
- Historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive, multicultural society.

Social Studies 10 takes the student from the end of World War One when Canada showed it no longer stood in the shadow of Great Britain to our present day. Areas of study may include:



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- Government, First Peoples governance, political institutions, and ideologies
- Environmental, political, and economic policies
- Canadian autonomy and identities
- Discriminatory policies and injustices in Canada and the world
- Advocacy for human rights
- Domestic conflicts and co-operation
- International conflicts and co-operation

SOCIAL STUDIES 11 – EXPLORATIONS

MEPSS 11

Social Studies 11 is comprised of three components - each essential to your becoming a thinking member of your community, your country and the world. A major objective of this course is to prepare you for your role as a citizen as well as introduce you to the academic disciplines of Geography, History, Aboriginal Studies, Social Justice, Political Science and Law.

The History component picks up from Social Studies 10 and covers the political, social and economic factors that combined to shape Canada into a nation from World War 2 through today. We look at issues such as Canada's role in international affairs, our evolving relations with Canada's First People's, the changing nature of Canadian values and our society and our changing relationship to the United States as we continue to develop a sense of Canadian identity and autonomy.

The Political Science component reviews the Canadian political system, and then examines the tension between democracy and authoritarianism in modern politics. We look at how disinformation campaigns and propaganda from different political agendas might influence political values and beliefs concerning issues such as poverty, economics, immigration and human rights.

The Geography component provides an introduction to the study of global environmental issues, population, resource distribution, renewable energy and our future in the environmental age. We examine the science and politics of climate change and propose what the

required elements of a sustainable future might be.

HUMANITIES 11

Credits for SS11 and English Literacy 11 8cr Prerequisite: 4 cr in EN10 and SS10

With an emphasis on preparation for the research and writing demands in virtually all programs in university and college, this course combines the learning outcomes for (English Literacy 11) and Social Studies 11. Students will remain together for the entire school year working with one senior Social Studies and English teacher in both semester one and two. Students will learn geography, history, politics, aboriginal perspectives and environmental challenges, while at the same time engaging their understanding of poetry, prose, novels and all forms of written expression within Canadian literature.

Content:

The curriculum and skill development from each course will be covered in depth as reading, writing skills, thinking and creative skills are closely integrated into the historical context of Canada and the world. Students make the transition to a global perspective, investigating such major concerns as environmental issues, population growth, the distribution of resources, the impact of industrialization, and Canada's role in world conflicts in the 20th and 21st centuries. Geographic knowledge and skills previously acquired are reinforced and expanded through a study of global issues, Canadian politics and economy.

20TH CENTURY WORLD HISTORY 12

MWH—12

Skills Developed:

- Writing skills crucial to success in all areas of study offered in college or university programs
- Organize and present information in a coherent and logical structure and develop



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persuasive arguments backed by facts and evidence

- Use historical inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate findings and decisions.

The 20th Century has been one of the most turbulent centuries in history - two World Wars, a "Cold War, attempted genocides, political upheaval through the rise and fall of authoritarian regimes, countries asserting power and pressure on lesser nations and more. The 20th Century also saw a dramatic rise in human rights movements, religious movements that became economic and political forces and the migration of people to forge new political boundaries or stretch existing ones. Important themes such as the influence of nationalism, the rapid development of technology and its role on change, and the breakdown of empires leading to the creation of new economic and political systems. Look at the past to see where we are going – why, when and how fast.

PHYSICAL GEOGRAPHY 12

MPGEO12

Skills Developed:

- Writing skills crucial to success in all areas of study offered in college or university programs
- Organize and present information in a coherent and logical structure and develop persuasive arguments backed by facts and evidence
- Critical thinking and analysis to determine connections between social, historical, political and environmental issues
- Problem-solve by examining topographic maps, environmental issues, interpreting information and perceiving relationships between various factors

Content:

Geography 12/Environmental Studies is not the study of maps. It will introduce you to the key environmental issues facing Canada and the world including: climate change, resource depletion, water pollution, ozone damage, species extinction and loss of animal habitat. You will gain an

understanding of how human activities in cities, farms and factories impact three key areas of planet earth: biological systems, such as plants, animals, rainforests and oceans; weather systems, such as hurricanes, tornadoes and droughts; and geological features, such as mountains, glaciers, volcanoes and earthquakes. You will learn how our planet works, how it influences us in all we do and how we are changing our planet. You will study resources, how they are found and used and what might happen when we run out. You will also learn to suggest solutions to the environmental problems we create so that our impact on the physical world may be reduced for the benefit of all that reside on this rock called earth.

Students are given the opportunity to apply what they learn on a number of field trips in and around the Vernon area including: Silver Star, Ellison Park, BX Falls and the Coldstream Valley.

LAW 12

MLST-12

Skills Developed:

- Essay writing skills crucial to success in all areas of study offered in college or university programs
- Organize and present information in a coherent and logical structure and develop persuasive arguments backed by facts and evidence
- Interpreting language in written and spoken form
- Critical thinking and analysis to determine connections between themes in literature and historical, political and environmental issues
- Problem-solve by examining problem sources, interpreting information and perceiving relationships between various factors

This course is an introduction to the diverse aspects of Canadian law. Focus is on personal law, criminal law, the courts and torts. A study of the Charter of Rights & Freedoms is included with a focus on human rights and police powers. There will be field trips to the court house, speakers, debates and mock trials. Participation and writing skills will be integral parts of this course.



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PSYCHOLOGY 12

YPSYC2

This course is an introduction to psychology investigating the question, "Why do we act, think and behave the way we do?" It is designed to prepare students for first-year College or AP Psychology, as well as to be of general interest and usefulness. Topics include an introduction to the science of behaviour, psychological perspectives, social psychology, altered states of consciousness, personality, and lifespan development. The theories of prominent psychologists are also examined. Please note, this is an assignment based survey course.

PSYCHOLOGY 12: AP ADVANCED PLACEMENT PSYCHOLOGY

APPS12 FEE: \$110.00, If the optional AP exam is written:

Advanced Placement (AP) Psychology is designed to introduce students to the systematic and scientific study of human behavior and mental processes. It is a rigorous academic course that mirrors university introductory psychology. An optional international exam is administered in May. Should students choose to write the exam and earn a designation of 4 or 5 (the equivalent of a "B" or higher), they will earn either first year psychology equivalency or first year elective credit. Topics include: History and Approaches, Research Methods, Biopsychology, Sensation and Perception, States of Consciousness, Learning, Cognition, Language, Memory, Motivation and Emotion, Developmental Psychology, Personality, Testing and Intelligence, Abnormal Behavior and treatment, and Social Psychology.

SOCIAL JUSTICE 12

MSJ--12

Skills Developed:

- Essay writing skills crucial to success in all areas of study offered in college or university programs
- Organize and present information in a coherent and logical structure and develop persuasive arguments backed by facts and evidence
- Interpreting written and spoken language
- Critical thinking and analysis to determine connections between themes in literature

and historical, political and environmental issues

- Problem solve by examining problem sources, interpreting information and perceiving relationships between various factors

Content:

Social Justice is offered for students who enjoy thinking, writing, debating and lively classroom discussion about social and political issues such as racism, sexism, violence, poverty and drug abuse. We also look at the role of racism in war and conflict in the 20th century including a focus on genocide and the Holocaust. Social Justice 12 allows students to examine, identify and explain what they believe and the important cultural factors that have made them who they are. It attempts to help students understand North American culture, how it is created and expressed, and the role it plays in their lives. We look at issues of social justice, tolerance and acceptance of the many different expressions of culture in North American society.

We also critically examine the North American media industry through the analysis of music, movies, advertising, TV shows, magazines and documentaries. Students will gain insight into how media may positively or negatively influence their personal values and belief systems. Course work includes essay and journal writing and requires that students demonstrate their skills in reading, critical thinking, the expression of ideas and opinions, public speaking and information literacy.

FILM APPRECIATION 12

YVPA-2AD22A

This course will have two main elements to its structure: viewing of films and criticism of films. The viewing of the films will be divided into genres (Apocalyptic, Coming of Age, Comedy, Crime/Gangster, Dramatic, Historical/Epic, Hollywood Musical, Film Noir/Mystery, Sports, Science Fiction/Fantasy, Thriller/Horror, War, and Westerns). Each class will choose to study and focus on 6 of these genres. Each unit of study will then be based on a specific genre and we will discuss the history of that genre. Each unit will finish with a written criticism of the modern film watched. The students will also be given



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opportunities to submit critiques of current films to the local newspaper to be published.

This is a class for any student who enjoys watching and discussing movies. It can also enhance any level of writing skill and critical thinking skill that is brought into the class.

This class is open to any grade 11 or 12 student without prerequisite.

STUDENTS WITHOUT BORDERS ACADEMY

SWBA *District Program*

SWBA is a full semester experience based leadership program for grade 11/12 students in BC. The classroom portion is hosted at Kalamalka Secondary School. Visit SWBA.CA for more information and applications. Contact David Fehr with questions: dfehr@sd22.bc.ca

Education is changing. The world for which we are preparing students today is fundamentally different from the world of the previous generation. Today's societies are marked by new global economic, cultural, technological and environmental trends that are part of a rapid and uneven wave of globalization. The Students Without Borders Academy addresses these changes and prepares students for the challenges of the 21st Century. The program culminates with a 5 week field study in Panama Central America.

In Panama SWBA explores conservation of sea turtles, primates, reefs and rain forests. SWBA students visit the Red Cross, the United Nations, Smithsonian Tropical Research Institutes and The Peace Corps. SWBA engages in SCUBA, a four day sailing charter in the Pearl Islands, exchanges, home stays, Neo Tropical Studies, Spanish Language study, and Indigenous peoples studies exploring Emberra, Kuna and Ngobè culture.

SWBA STUDENTS RECEIVE CREDIT FOR THE FOLLOWING FIVE COURSES:

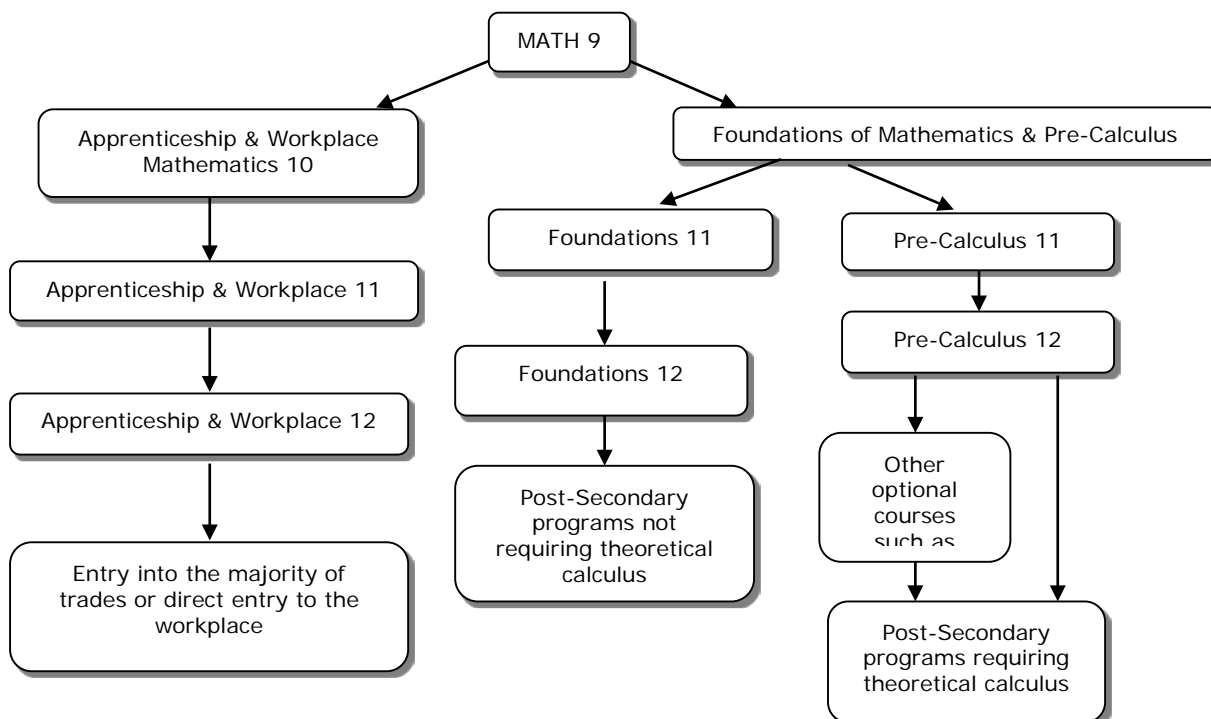
- English 11 or English Studies 12
- Intro Spanish 11 or Spanish 11
- Leadership 11 or 12
- Social Justice 12
- Comparative Cultures 12



GRADE 10, 11 & 12 • MATHEMATICS

MATHEMATICS

The new math curriculum includes 3 available pathways for students. The three pathways available are: Apprenticeship and Workplace Mathematics, Foundations of Mathematics, and Pre-Calculus. At the grade 10 level, a common Foundations of Mathematics and Pre-Calculus course is the starting point for both the Foundations of Mathematics and Pre-Calculus pathways. When choosing a pathway, students should consider their interests, both current and future. Students and parents are encouraged to research the admission requirements for post-secondary programs of study as they vary by institution and by year.



WORKPLACE MATH 10

MWPM-10

Recommended: Any Math 9 course

Students are encouraged to have a scientific calculator.

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics: Trigonometric ratios, graphical representations, conversions, surface area and volume, central tendency, probability and financial literacy.

FOUNDATIONS OF MATHEMATICS & PRE-CALCULUS 10

WFMP-10

Recommended: Math 9 with 65% minimum
Students are encouraged to have a scientific calculator

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies. This course leads to either Foundations of Mathematics 11 or Pre-Calculus 11. Topics: Powers, prime factorization, functions and relations, linear functions, arithmetic sequences, systems of linear equations, multiplication of polynomial expressions, factoring, trigonometry and financial literacy.



WORKPLACE MATH 11

MWPM-11

This course satisfies the minimum graduation requirements, but is not accepted by universities for admission to most programs. Some colleges accept this course for entrance in the trades. This course focuses on the essential skills necessary for students to succeed in the trades and workplace. It is less rigorous than both Pre-Calc and foundations, but before students consider this course, they should first determine which post-secondary institution they wish to attend as some post-secondary options are limited once this course is selected. If students have not achieved a C or better in Foundations and Pre-Calculus Math 10, they should consider this course. This course consists of the following concepts: Financial literacy, rate of change, probability and statistics, interpreting graphs and 3D objects.

FOUNDATIONS OF MATH 11

MFOM-11

This course represents a second academic path for students intending to go to College or some University programs in the Arts, Humanities and Trades. This course does satisfy graduation requirements, but before students consider this course they should first determine which post-secondary institution they wish to attend as some post-secondary options are limited once this course is selected. If students do not achieve a C or better in Foundations and Pre-Calculus Math 10, they should consider this course. Course content will focus on mathematical reasoning, angle relationships, graphical analysis (linear inequalities, quadratic functions, systems of equations and optimization), applications of statistics, scale models and financial literacy.

PRE-CALCULUS 11

MPREC11

This course represents the academic path for students intending to go into a Science or Engineering program at College or University. This course satisfies graduation requirements and is accepted at all Colleges and Universities as a Math 11 credit. Pre-Calculus 11 represent a different style of course that involves a more rigorous approach, increased homework. Students who achieve a C+ or better should consider Pre-Calculus 12 as their next course. Course content

will focus on real number system, powers with rational exponents, radicals, factoring, rational expressions and equations, quadratic functions and equations, linear and quadratic inequalities, trigonometry, and financial literacy.

PRE-CALCULUS 12

MPREC12

Recommended: Pre-Calculus 11 (65% min)
Students are encouraged to have a graphing calculator

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs requiring the study of theoretical calculus. This may include mathematics, sciences, engineering and commerce. Course content will focus on transformations of functions and relations, exponential functions and equations, geometric sequences and series, logarithmic operations, functions and equations, polynomial functions and equations, rational functions, and trigonometric functions, equations and identities.

AP CALCULUS

ACAL-12

Recommended Prerequisite: 75% Pre-Calculus 11.

This is a year-long linear course with Pre-Calc 12. Course content: Pre-Calculus 12 plus enrichment. Topics will be considerably more sophisticated than Pre-Calc 12 with additional topics included. Students require a graphing calculator for this course. AP Calculus AB is equivalent to a first year university calculus course. It is a rigorous course that covers more material than Calculus 12.



GRADE 10, 11 & 12 • SCIENCE

SCIENCE 10

MSC--10

This is a course aimed at developing your scientific inquiry skills and knowledge in the four major areas of science. There is one BIG IDEA for each of the areas of science; genes as the foundation for the diversity of living things, chemical reactions (atoms), energy types and transformations, and the formation of the universe. This is combined with the core competencies that will provide students with a solid foundation for science studies in the future.

LIFE SCIENCE 11 (BIOLOGY)

MLFSC11

Life Science is a course centered on the following "BIG IDEAS": Life is a result of interactions at the molecular level and cellular levels. Evolution occurs at the population level. Organisms are grouped based on common characteristics.

Units will include: evolution, microbiology, plant biology, and animal biology. Although Life Science 11 is not a prerequisite for Anatomy and Physiology 12, it is highly recommended to students considering a post-secondary science degree.

ANATOMY AND PHYSIOLOGY 12

MATPH12

(Biology 12) is a course that focuses on human biology starting at the biochemical level, with units on biochemistry and DNA/protein synthesis. This is followed by a closer look at the basic unit of the cell (parts and functions) leading to an in depth discussion of each of the major body systems (digestion, circulation, respiration, urinary, nervous, and reproductive). Students will see how each level of organization plays a role in maintaining homeostasis. **Although Life Science 11 is not a prerequisite, students should be aware the content demands and time required outside the classroom are equivalent to a Grade 12 academic course.**

CHEMISTRY 11

MCH--11

Fee for Optional Workbook

Chemistry 11 is a course composed of laboratory work and will focus on the following "BIG IDEAS": Atoms and molecules are building blocks of matter. Organic chemistry and its applications have significant implications for human health, society, and the environment. The mole is a quantity used to make atoms and molecules measurable. Matter and energy are conserved in chemical reactions. Solubility within a solution is determined by the nature of the solute and the solvent.

CHEMISTRY 12

MCH--12

Recommended: 65% or above in Chemistry 11 and completion of PREC 11

Fee for Required Workbook

Chemistry 12 is a course designed for students who wish to take Chemistry at the university level **and** for those who want to understand more about chemistry and how it affects the world around us. Students will cover why certain reactions take place rapidly and others slowly, why some reactions proceed to completion and others do not, why some compounds dissolve in water, why some acids are stronger than others and why corrosion and other electrochemical phenomena occur.

Lab activities are part of the course and will be used when needed. many mathematical problems related to the above concepts will be studied.

EARTH SCIENCE 11

MESC-11

Earth Science 11 is an introductory course which explores the fields of Geology, Oceanography, Atmospheric Science, Paleontology and Astronomy. In this course, you will look at how these fields are inter-related and have affected the development of life on Earth. The aim of this course is to create an understanding and life-long interest in Earth Science. We will make an effort to get outside and learn as much as possible. This will involve walks over various distances and in various weather and bus travel depending on funding.



GEOLOGY 12

GEOL 12

Geology 12 looks at the materials that make up the Earth, the internal and external processes which take place on Earth, the history of Earth and how life has evolved here, and consider the origin of Earth along with comparing Earth with other planets in the solar system. We will make an effort to get outside and learn as much as possible. This will involve walks over various distances and in various weather. There is the possibility of going on an overnight or longer field trip involving bus travel and camping out. The likelihood of trips taking place will depend on the interest level of students in participating and available funding.

PHYSICS 11

MPH--11

Fee for Optional Workbook or Loaner Provided

Physics 11 is an introductory course. Students will learn to look at waves, sounds and optics, kinematics, dynamics, momentum, work and power, and electric circuits. Students will use their algebra skills to solve physics problems. They will also carry out lab activities to see physics concepts in action.

PHYSICS 12

MPH--12

Recommended: 67% or above in Physics 11 and completion of PREC 11

Fee for Optional Workbook or Loaner Provided

Physics 12 continues where Physics 11 left off. Students will carry out more advanced problem solving in two dimensions in vector kinematics, dynamics and momentum. They will also solve more complex problems involving work, energy and power and electric circuits. New concepts will be learned in equilibrium, circular motion, electrostatics and electromagnetism. Students will perform lab activities to experience the application of the concepts learned.

There may be the possibility to take a overnight trip to PNE Playland to participate in an event organized for physics students. The likelihood of this trip taking place will depend on the interest level of students in participating, available funding and the scheduling of the course relative to the event.



GRADE 10, 11 & 12 • LANGUAGES

FRENCH 10

MFR--10

This course further develops the concepts begun in French 9. Through participation in speaking, listening, reading and writing in class, students will continue to develop skills to use French to communicate and acquire information using the past, present and future tenses. They will do this by using a wide range of useful vocabulary and idiomatic expressions in past, present and future tenses in both oral and written forms. Assessment will be both formative and summative using a variety of different activities such as, but not limited to, projects, test, self-evaluations, and rubrics.

INTRODUCTORY FRENCH 11

MFRI-11

Core French Introductory 11 has been developed to offer an opportunity for students who did not begin Core French in the elementary grades or did not continue after French 8 to enter Core French at the secondary level. Core French Introductory 11 is an intensive course, designed to cover essential learning standards from Grades 5-10 in an accelerated time frame in order to prepare students for Core French 11. It should be noted that this course does not replace the richness of the regular Core French 5-10 curriculum.

It is assumed that students would have limited to no background in Core French prior to enrolment. However, as contexts vary, districts may use their discretion with regard to admission criteria for this course. Enrolment in Core French Introductory 11 is not limited to Grade 11 students, and there are no prerequisites for this course.

FRENCH 11

MFR--11

Recommended Prerequisite: French 10

Knowing a second language is an increasingly desirable job skill. In our competitive world-wide economy, there are many international career opportunities, as French is officially spoken in 40 countries. A Language to Grade 11 is also still an entry requirement to many universities. Students

will learn to interact effectively and with spontaneity in French for common life situations. Students will use language learning strategies to gain access to information, and cope more effectively in unfamiliar situations. Emphasis is placed on more advanced speaking skills for communication, listening skills for comprehension and writing skills for composition of letters and paragraphs. Assessment will be both formative and summative using a variety of different activities such as, but not limited to, projects, tests, self-evaluations, and rubrics.

FRENCH 12

FR12

Recommended Prerequisite: French 11

French 12 is a continuation of French 11 at a high communicative level. Communication will become more precise with the correct use of verb tenses and a wide range of useful vocabulary. Reading and writing are the major components. Assessment will be both formative and summative using a variety of different activities such as, but not limited to, projects, tests, self-evaluations, and rubrics. Students taking French 12 may also be eligible to take the Diplôme des Études en Langue Française (DELF). Please see the Grade 12 teacher for more information.

INTRODUCTORY SPANISH 11

MBSP-11

Did you know that Spanish has the second most native speakers in the world? Learn a fun language that will help you travel and potentially work in more than 20 countries! Intro Spanish 11 is for total beginners, and is open to students in grades 9-12. Through in-class and online games, music, songs, art, videos, writing and reading exercises, and skits, you will learn how to understand, speak, read and write basic Spanish. Language topics include the alphabet sounds, introductions, asking questions, colours, weather, telling time, family, professions, descriptions of people and places, clothing, shopping, food and more. You will also learn about many fascinating cultural aspects of countries of the Spanish-speaking world and start to see the world through a new lens.



SPANISH 11

MSP--11

Recommended: Introductory Spanish 11 or equivalent

This is a second-level Spanish course after taking Intro Spanish 11, open to students in grades 10-12. Let's review what we did before and learn much more! This is your opportunity to solidify the basics and move on to being able to talk with more varied tense, such as in the progressive ("-ing"), past, and commands-giving tenses.

Through games, role-plays, music, art, legends and stories, reading, writing, and videos, you will practice communicating in and about many useful situations. Vocabulary focus is on out-of school life (home, sports, talking on the phone and digital messaging, ordering food, shopping, party-planning, and travelling). You will also look into many fascinating cultural aspects of countries of the Spanish-speaking world. The 2 Spanish courses together qualify you for the second language credit needed by some university-bound students.



GRADE 10, 11 & 12 • PHYSICAL EDUCATION

PHYSICAL HEALTH EDUCATION 10

MPHED10

This course focuses primarily on movement, alternate environment activities and healthy and active living. Emphasis will be to refine and improve activity specific motor skills and apply them to individual and dual activities. Students will also be expected to plan and assess their strengths, weaknesses and personal preferences to promote the goal of lifelong activity. There will also be the presentation of material addressing mental well-being and social and community health.

PHYSED 9/10 HEALTHY LIFE

MPHE09/10

Please see Healthy Lifestyle 9/10 provides students with an alternative to the regular PE 9 and 10 programs.

PHYSICAL EDUCATION: ACTIVE LIVING 11/12

MACLV11/MACLV12

Physical Education 11 & 12 provide opportunities for students to experience a variety of recreational pursuits, career interest and activities that promote lifelong, healthy living. Students focus their learning in areas of personal interest and participate in activities that promote social interaction, community responsibility and skill development. Teachers work with students to develop programs to meet student needs and interests. Programs are structured so that the duration, intensity, and frequency of activities motivate students to meet their individual goals. Students participate in a balance of activities from the movement categories.

There is a \$100 fee for this course to cover activity and bussing costs.

PHYSICAL AND HEALTH OUTDOOR EDUCATION 11/12

MODED11/MODED12

This course encourages students to participate in outdoor activities and develop the skills and respect for the complex and dynamic environment in which we live.

Students will learn the safety requirements of the activities and develop communication, teamwork and collaboration as they plan and enjoy the outdoor experiences. This course recognizes that the outdoors allows us to understand the environment and ourselves. Leadership skills required to participate in outdoor activities will be developed and applied in a variety of contexts and environments. There is a cost of \$120 to students to participate in the activities.

FITNESS AND CONDITIONING 11/12

MFTCD11/MFTCD12

The aim of this course is to enable students to enhance their quality of life through active living. With instruction and guidance, students are introduced to the basic principles of strength and conditioning. Students will use the weight room facility and gymnasium for cardio circuits. They will design personal programs for strength and muscular endurance. Students will gain an understanding of the basic physiological and psychological effects of strength training.

WOMEN'S FITNESS 11/12

YHRA-1F/YHRA-2F

The program is designed specifically and exclusively for females to promote an active, healthy lifestyle. This course will provide a comfortable safe environment to explore issues related to women's health and fitness. Students will be exposed to a variety of lifetime activities aimed at achieving a basic level of fitness using both school and community facilities. Sports and activities will be determined by student interest and can include, but are not limited to: badminton, circuit training, bootcamp, HIIT workouts, yoga and hot yoga, golf, winter activities, bowling, self-defence, strength and conditioning, tennis, biking, hiking, Zumba and jogging. In addition, topics for discussion include nutrition, positive body image and healthy choices. There is a \$120 fee for this course to cover activity and bussing costs.



GRADE 10, 11 & 12 • APPLIED SKILLS

COMPUTER STUDIES 10 (INFO TECH)

MCSTU10

Learn to:

- create innovative and dynamic web-pages
- create stunning PowerPoint presentations
- create fun animations
- improve and manipulate pictures using Fireworks with an intro to Photoshop
- create brochures, birthday cards, calendars, etc. using Publisher
- use Word effectively (word processor)
- improve your keyboarding skills

This is an excellent course for anyone wishing to enter university, college, or the trades.

PHOTOGRAPHY & PHOTOSHOP 11

MVAPH11

This course will focus on learning how to; take better digital pictures, editing photos with industry leading software (Adobe Photoshop CS5.5) in the computer lab, and learning basic design principles for page layouts (eg. magazine layouts). Much emphasis will be placed on a hands-on approach wherein students will take a great deal of pictures and edit/present their work with exciting digital editing techniques and page layouts. This course is ideal for anyone who is interested in photography and digital graphic manipulation, not to mention having fun!

ADVANCED DIGITAL PHOTOGRAPHY & PHOTOSHOP 12

MVAPH12

This course is an advanced version of Digital Photography & Photoshop 11/12. A solid understanding of Adobe Photoshop and Photography, as explored by the previous course, is expected. Photoshop material will include; particle effects/disintegrations, fire effects, frame break-outs, melting effects, brush-play, glow-effects and water scenes. Photography content will include explorations in composition, lighting, levitation, multiplicity (different versions of you interacting in one photograph), light-painting, panoramas, planets, and high-dynamic-range [HDR]. Project work will recruit a variety of skills to achieve a "putting it all together" experience.

YEARBOOK: GRAPHIC PRODUCTION 11/12

MVAM-10/MVAMT11/MMVAMT12

To take this course, students must be in grades 10 -12. Application form available in counselling area or at www.kalamalka.sd22.bc.ca

The primary objective of this design and journalism-related course is to produce the school yearbook. Aspects include photography, journalism, layout design, desktop publishing, computer graphic design, interviewing and advertising. Enrolment is limited to grade 11 and 12 students whom will be selected by the teacher. This course will fulfil graduation requirements for Applied Skills. This course is usually scheduled outside of regular class hours.

WOODWORKING 10

WWK-10

Woodwork 10 is an introduction to technical woodworking and the proper and safe operations of a variety of hand and power tools. Emphasis is placed on appropriate shop behaviour, accurate joinery, dimensioning and a quality finish. Function and design will be applied to produce individual and unique projects. Additional cost for optional materials if required for personal projects.

WOODWORK 11

MWWK-11

Carpentry & Joinery 11 is an introductory program to the construction of fine furniture and cabinetry. Emphasis is on the application of new materials, hardware and finishes to enhance project quality. Students will learn safe shop skills and safe tool operations. Proper use of larger, high production power equipment including table saws, jointers, lathes, planers, etc. will be required. Additional cost for optional materials if required for personal projects.

WOODWORK 12

MWWK-12

Carpentry & Joinery 12 is an introductory program for students interested in the building trades and learning about production woodworking. Safe



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shop conduct and safe power tool operations will be encouraged to maximize project quality. Students will be required to build a project that has a drawer and raised panel door. Additional cost for optional materials if required for personal projects.

SKILLS EXPLORATION 10, 11, 12

MSTX-0A/MSTX-1A/MSTX-2A

Skills exploration is an introductory course for students that would like to try a sample of several trades programs. Residential wiring, plumbing, framing, tiling, metal fabrication, car care and general household maintenance repair. This course is a must if you are considering entering a trade. Most of the projects students make in this class will be recycled. Students may purchase projects if they choose.

FOODS STUDIES 10

MFOOD10

This course expands students' knowledge to incorporate meal planning principles, understanding the link between nutrition practices and mental and physical well-being. A variety of recipes are prepared, highlighting simple and complex food systems around the world. Course discussions include food trends and marketing, causes and consequences of foodborne illness outbreaks and First People's food protocols.

FOODS STUDIES 11/12

MFOOD11/MFOOD12

This combined class is run as a two-year cycle and can be taken in both grade 11 and grade 12 without unnecessary repetition. Students are required to work cooperatively and participate in all group discussions and projects. This is an Applied Design, Skills and Technology credit.

Foods 11 is an advanced course, building on the content covered in Grades 9 and 10. A variety of recipes are prepared with a focus on meal planning and recipe design and modification. Discussions centre around issues related to food security, development of national and regional food guides, food labelling and food marketing trends.

Foods 12 is an advanced course, building on the content covered in Grades 9 and 10. A variety of

recipes are prepared with a focus on complex meal design and components of multi-course meal development. Students will work on developing a personal food philosophy and participate in discussions around health and nutrition claims and food justice in the local and global community.

TEXTILES 10

MTXT-10

Textiles 10 is an introductory course in clothing and textiles. Theory includes a study of textile fibres and fabrics and the elements of design. Several projects will be completed which will include buttons, zippers, and pockets.

Note: Students are required to provide their own small equipment, patterns, notions and fabrics for this course or pay a project fee.

TEXTILES 11

MTXT-11

Students will learn higher-level construction techniques, introductory design concepts as well as fashion-related issues, personal image management, fibres, fabrics, special techniques and related careers. Students will create a minimum of three major projects and gain experience in manipulating design elements of colour, texture and line to create unique and polished finished products. Possible field trips will expose students to current fashion and industry trends.

Note: Students are required to provide their own small equipment, patterns, notions and fabrics for this course or pay a project fee.

TEXTILES 12

MTXT-12

This combined class is run as a 2 year cycle and can be taken in both grades 11 and grade 12 without unnecessary repetition. Emphasis will be placed on elements of design in relation to fashion. Higher level construction techniques will be used. Students will learn about fashion-related issues, personal image management, fibres, fabrics, special techniques and related careers. Students will create a minimum of three major projects, and gain experience in manipulating design elements of colour, texture and line, to create unique and polished finished products. Possible field trips will expose students to current fashion and industry



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trends. This course fulfils the Ministry requirement for an Applied Skills credit towards graduation.

Note: Students are required to provide their own small equipment, patterns, notions and fabrics for this course or pay a project fee.

ELECTRONICS 11

MTELE11

Students may take the course in Grade 10, 11 or 12.

Students learn elementary principles of electricity and electronics through building working models (prototyping) analogue and digital circuits. Through building and inquiry students will understand the basic functions of most electronic components.

ELECTRONICS 12

MTELE12

MICROCONTROLLERS & INTRODUCTORY ROBOTICS WITH BOE-BOTS and SUMO BATTLE-BOTS

Students will initially work on a series of Microcontroller programming modules that will also include prototyping some analogue circuits that will be controlled by the on board microcontroller. Programming the Boe-Bot to perform a great number of navigational tasks and interacting with the environment is the next series of challenges. With basic programming skills in PBASIC in place students will progress to programming the Sumo-Bot in a great variety of battle encounters. The STAMP microcontroller using the PBASIC programming language will be the foundation hardware of the course.

Opportunities may arise (subject to funding and student interest) to explore programming with the ARDUINO platform and language.

ROBOTICS 10

MTEAR10

This course will introduce students to basic programming as well as problem solving strategies. Students will investigate social and environmental impacts of robotics. They will work on personal design interest and refine skills. Tools and technologies will be adapted for purpose. Students will design and produce robotics using a variety of technologies. Students will work hands-on in teams to design, build program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates.

ROBOTICS 11/12

MTROB11/MTROB12

Students will investigate social and environmental impacts of robotics. They will work on personal design interest and refine skills. Tools and technologies will be adapted for purpose. Students will design and produce robotics using a variety of technologies.

DRAFTING 10

MTDRF10

In MDD students will be designing and drawing 2D and 3D objects. This is a recommended class for all future Engineers and Trades people. We will use AutoCAD, Illustrator and Sketchup to complete units on Orthographic drawings(2D) as well as Pictorial Drawings (3D). We will spend some time on Architectural drawings depending on student interest. Students can also expect to some 3D hands on building models to reinforce the concepts that were developed using CAD software.



GRADE 10, 11 & 12 • FINE ARTS

ART STUDIO 10

MVAST10

This course is structured with an emphasis on developing skills and knowledge to give you a solid foundation to grow as an artist. We will explore a broad spectrum of materials, technologies and processes to support your understanding of art, the world, and learning to express yourself visually. There will be new and familiar materials and techniques to use and master, depending on your experience. You will be encouraged to invent, discover and reflect upon ways of using materials and techniques as well as study the successful practices of artists and art movements of the past and present day and gain knowledge and understanding of visual arts elements, principles of design and image development strategies. The journey will hopefully help you evolve into a person who works vigorously, thinks, challenges, experiments, reflects, problem-solves, expresses and communicates with the world and, of course, makes great art!

ART STUDIO 11

MVAST11

Recommended: Art 10

This course builds on the foundations of Art Studio 10 and is structured with an emphasis on continuing to develop skills, knowledge, creativity, problem-solving and reflection that you will need as an artist. We will continue to explore a broad spectrum of materials, technologies and processes to deepen your understanding of art, the world, and in your visual expressions. There will be new and familiar materials and techniques to use and master, depending on your experience. You will still be encouraged to invent, discover and reflect upon ways of using materials and techniques as well as study the successful practices of artists and art movements of the past and present day and gain knowledge and understanding of visual arts elements, principles of design and image development strategies. The journey will hopefully help you continue to evolve into a person who works vigorously, thinks, challenges, experiments, reflects, problem-solves, expresses and communicates with the world and, of course, makes amazing art!

ART STUDIO 12

MVAST12

Recommended: Art 11

This course builds on the foundations of Art Studio 10 & 11 and is structured with an emphasis on selecting, exploring, risk-taking, and combining a broad spectrum of materials, technologies and processes for artistic expression. You will be encouraged to demonstrate your creative thinking and innovation by using ideas inspired by exploration, to create art works as an individual and in collaboration, and consider personal, social and environmental issues in the development of your art. The study of innovative visual artists from a variety of time periods, cultures, local to global and Aboriginal perspectives will continue to be an important aspect of your experiences as will demonstrating your knowledge and understanding of visual arts elements, principles of design and image development strategies. The journey will hopefully help you continue to evolve into a person who works vigorously, thinks, challenges, experiments, reflects, problem-solves, expresses and communicates with the world and, of course, makes fabulous art!

STUDIO ARTS 2D: DRAWING & PAINTING 10

MVAD-10

This course is structured with an emphasis on developing inquiry and skills and knowledge in drawing and painting. We will explore a broad spectrum of mark-making processes using materials, technologies and processes to support your understanding of art, the world, and learning to express yourself visually. There will be new and familiar materials and techniques to use and master, depending on your experience. You will be encouraged to invent, discover and reflect upon ways of using materials and techniques to express meaning, intent, emotions and feelings as well as study the successful practices of artists and art movements of the past and present day. We will explore and develop knowledge and understanding of visual arts elements, principles of design, and image development strategies to give you the tools to create great art.



STUDIO ARTS 2D: DRAWING & PAINTING 11

MVAD-11

This course builds on the foundations of Drawing & Painting 10 and is structured with an emphasis on inquiry, developing unique art forms in drawing and painting and further exploring the creative cycle. We will explore a broad spectrum of mark-making processes using materials, technologies and processes to support your understanding of art, the world, and learning to express yourself visually. There will be new and familiar materials and techniques to use and master, depending on your experience. You will be encouraged to invent, discover and reflect upon ways of using materials and techniques to express meaning, intent, emotions and feelings as well as study the successful practices of artists and art movements of the past and present day. We will explore and develop knowledge and understanding of visual arts elements, principles of design, and image development strategies to give you the tools to create amazing art.

STUDIO ARTS 2D: DRAWING & PAINTING 12

MVAD-12

This course builds on the foundations of Drawing & Painting 10 and 11, and is structured with an emphasis on inquiry and developing unique art forms in drawing and painting. It further explores the processes of selecting, exploring, risk-taking, and combining a broad spectrum of materials, technologies and processes for artistic expression whilst engaging vigorously in the creative cycle. You will be encouraged to demonstrate your creative thinking and innovation by using ideas inspired by exploration, to create art works as an individual and in collaboration, and consider personal, social and environmental issues in the development of your art. The study of innovative visual artists from a variety of time periods, cultures, local to global and Aboriginal perspectives will continue to be an important aspect of your experiences as will demonstrating your knowledge and understanding of visual arts elements, principles of design and image development strategies. The journey will hopefully help you continue to evolve into a person who works vigorously, thinks, challenges, experiments, reflects, problem-solves, expresses and communicates with the world and, of course,

makes fabulous art!

STUDIO ARTS 3D: SCULPTURE 10

MVAC-10

This course is structured with an emphasis on developing inquiry and skills and knowledge in sculpture, including clay. We will explore artistic possibilities with a wide range of materials, technologies and processes to create art. You will be encouraged to invent, discover and reflect upon ways of using materials and techniques to express meaning, intent, emotions and feelings as well as study the successful practices of artists and art movements of the past and present day. We will explore and develop knowledge and understanding of visual arts elements, principles of design, and image development strategies to help you create great sculptures.

STUDIO ARTS 3D: SCULPTURE 11

MVAC-11

This course is structured with an emphasis on inquiry and developing skills and knowledge in sculpture, including clay. We will explore artistic possibilities with a wide range of materials, technologies and processes and learn to intentionally select and combine them to convey an idea. You will be encouraged to invent, discover and reflect upon ways of using materials and techniques to express meaning, intent, emotions and feelings as well as study the successful practices of artists and art movements of the past and present day. We will explore and develop knowledge and understanding of visual arts elements, principles of design, and image development strategies to help you create amazing sculptures.

STUDIO ARTS 3D: SCULPTURE 12

MVAC-12

This course builds on the foundations of Sculpture 10 and 11, and is structured with an emphasis on inquiry and developing unique art forms in sculpture. It further explores the processes of selecting, exploring, risk-taking, and combining a broad spectrum of materials, technologies and processes for artistic expression whilst engaging vigorously in the creative cycle. You will be encouraged to demonstrate your creative thinking and innovation by using ideas inspired by exploration, to create art works as an individual and in collaboration, and consider personal, social and



environmental issues in the development of your art. The study of innovative visual artists from a variety of time periods, cultures, local to global and Aboriginal perspectives will continue to be an important aspect of your experiences as will demonstrating your knowledge and understanding of visual arts elements, principles of design and image development strategies. The journey will hopefully help you continue to evolve into a person who works vigorously, thinks, challenges, experiments, reflects, problem-solves, expresses and communicates with the world and, of course, makes fabulous art!

VISUAL ARTS : GRAPHIC ARTS 11

MVAGA11

This course focuses on developing art skills and creativity through graphic arts and is structured with an emphasis on inquiry, developing unique art forms and will explore a range of printmaking (etching, transfer, lino, screen printing, mono etc) and graphic forms (designing and illustration) using materials, technologies and processes to support your understanding of art, the world, and learning to express yourself visually. There will be new and familiar materials and techniques to use and master, depending on your experience. You will be encouraged to invent, discover and reflect upon ways of using materials and techniques to express meaning, intent, emotions and feelings as well as study the successful practices of graphic artists and art movements of the past and present day. We will explore and develop knowledge and understanding of visual arts elements, principles of design, and image development strategies to give you the tools to create amazing art.

VISUAL ARTS : GRAPHIC ARTS 12

MVAGA12

This course builds on the foundations of printmaking and graphics 11, and is structured with an emphasis on inquiry and developing unique art forms as well as further exploring the processes of selecting, exploring, risk-taking, and combining a broad spectrum of materials, technologies and processes for artistic expression whilst engaging vigorously in the creative cycle. You will be encouraged to demonstrate your creative thinking and innovation by using ideas inspired by exploration, to create art works as an individual and in collaboration, and consider personal, social and environmental issues in the development of your art. The study of innovative

graphic artists and printmakers from a variety of time periods, cultures, local to global and Aboriginal perspectives will continue to be an important aspect of your experiences as will demonstrating your knowledge and understanding of visual arts elements, principles of design and image development strategies. The journey will hopefully help you continue to evolve into a person who works vigorously, thinks, challenges, experiments, reflects, problem-solves, expresses and communicates with the world and, of course, makes fabulous art!

DRAMA 10: GENERAL

MDRM-10

First-timers are welcome, even encouraged!

Drama 10 is an introduction to the actor's process, with a strong emphasis on theatrical presentation skills. Course content includes movement, voice, character development and planned improvisation (rehearsed scenes based on spontaneous ideas). The course also touches on technical and design aspects of theatre as students prepare a performance piece for their final project. By studying all aspects of a performance, students will begin to develop an understanding of the complexities of a theatrical production.

DRAMA 11 – ADVANCED ACTING

MDRM-11

Acting 11 provides a study in developing and sharpening one's acting skills, with an emphasis on method, theory, and performance applications. Students will explore a variety of movement, vocal, and characterization techniques to apply to improvised and scripted dramas. Quality performances are the result of concentrated and committed efforts during class exercises and projects. Whether working independently or in groups, students are challenged to focus on their skill development in their class work.

DRAMA 12 – ADVANCED ACTING

MDRM-12

Recommended: Acting 11

Acting 12 provides for more intensive study in the techniques outlined in Acting 11. Students will be challenged to develop creative leadership skills and apply their knowledge to theatre performance projects. Senior actors are exposed to advanced tutelage not available in performance courses.



DIRECTING & SCRIPTWRITING 12

MDRDS12

Recommended Prerequisite: *Drama 10, Acting 11 or 12 and English 11*

Directing: Students choose scripts and direct one-act plays as a final project. Understanding the art of theatre on-stage is the goal of the course. The classes focus on composition, communication, actor coaching and the development of a critical eye with which we will view professional and amateur theatre productions. This is a course for those interested in developing leadership skills.

Scriptwriting: Creative writing with a twist – the scripts actually get performed on stage for an audience. This class affords you the opportunity to discuss technique of published playwrights, workshop scenes with actors and have a say in the production of your work.

THEATRE COMPANY: MUSICAL THEATRE 10/11/12

MMUTH10/MMUTH11/MMUTH12

****Admission by audition****

First-timers are welcome, even encouraged!

Musical Theatre class emphasizes the process and skills involved in performing in a musical theatre production. Students will learn about the training, discipline, commitment and social manners required to be a successful member of a cast. In preparation for the 9-evening Fall Musical production, students will participate in rehearsals and performance aspects of a musical production (acting, singing, and dancing). All students must apply and audition for enrolment in class (please see Mr. Thomas for information).

THEATRE PRODUCTION: 10/11/12

MDRD-10/MDRTP11/MDRTPT12

First-timers are welcome, even encouraged!

Stagecraft provides a broad range of technical and practical experience for those interested in learning about the production behind a theatre performance. Students will have hands-on projects including: designing, building and painting sets; designing and operating lighting and sound; creating props, costumes, make-up and effects; and production, stage and house management – essentially, all of the “behind the scenes” work which leads up to an actual theatrical production. Students are also given first choice to a production role in the fall musical.

THEATRE COMPANY: DRAMA PRODUCTION 10/11/12

MDRTC10/MDRTC11/MDRTC12

**** Admission is by audition****

First-timers are welcome, even encouraged!

The intent of Theatre Company 10, 11, and 12 is to support the creation of a theatre production. Whether developing a production around an original or published script, theatre offers an aesthetic experience with the power to communicate ideas through movement, sound, imagery, and language. Students will enhance personal and cultural connections, which offer insight into human experience, through experiencing being part of a theatre company. Both the process and the product of theatre are dynamic ways of exploring our identity and sense of belonging. Growth as a theatre company requires perseverance, collaboration, and reflection. Students must audition and receive special endorsement to participate in Theatre Company. There are no prerequisites outside of audition, however, students and parents must recognize that there are extra-curricular time requirements in our production courses. The course is open to students in grades 8 through 12.



INSTRUMENTAL MUSIC: CONCERT BAND 10

MMUCB10

Concert Band 10 takes students through technical exercises and literature to further develop their note reading, rhythm, tone quality and intonation. Beginners will be accommodated if they are willing to put in the extra work required to catch up. Principles of expression and interpretation will be taught and practiced. Music theory will be developed through discussion and practice. The music played in this ensemble will expose students to a wider variety of historical styles than were encountered in grade 9. Grading is on concert preparation and participation, rehearsal skills (personal conduct, contributing to a group effort), and skill development related to the instrument. Regular home practice is required for success in this course.

INSTRUMENTAL MUSIC: CONCERT BAND 11/12

MIMCB11/MIMCB12

Recommended Prerequisite: Band 8, 9 & 10

This course takes students through interval studies, refinement of tone, understanding form, basic conducting, small group work and technical exercises covering a variety of scales, both major and minor. Principles of expression and interpretation are expected to be applied. The literature played in this ensemble will expose students to a wider variety of historical styles than were encountered in grade 10. Grading is on concert preparation and participation, rehearsal skills (personal conduct, contributing to a group effort), and skill development related to the instrument. Regular home practice is required for success in this course.

INSTRUMENTAL MUSIC: JAZZ BAND 10

MUJB10 (Year-long/Out-of-Timetable)

Recommended: Grade 8 & 9 Band

Students registering for Jazz Band **must** also take Concert Band 10. (Exceptions may be made on an individual basis.) This course exposes students to the basic concepts of jazz playing. Jazz Band 10 meets co-circularly (out-of-timetable) and students will be placed either in Senior or Junior Jazz. Decisions regarding the placement of grade 10 students in Senior or Junior Jazz Band will be made by the teacher. Regular home practice is

required for success in this course. Participation in all concerts and festivals is expected.

INSTRUMENTAL MUSIC: SENIOR JAZZ BAND 11/12

MIMJB11/MIMJB12

(Year-long/Out-of-Timetable)

Recommended: Completion of Jazz Band 10

This course exposes students to the more advanced concepts of jazz playing such as improvisation. Jazz Band 11 meets out-of-timetable on Monday from 3:15 to 5:00 pm and Wednesday from 7:00 – 8:15 am. Participation in all concerts is expected. Regular home practice is required for success in this course.

CHORAL MUSIC 10/11/12

MUCC10/MUCH11/MUCH12

(Year-long/Out-of-Timetable)

The general aim of the choral program is to foster enjoyment of music through singing. No previous singing experience is necessary. Students will receive instruction in proper vocal technique, unison and part singing, sight singing, and basic music theory. This is a performance course and will require students to participate in extra-curricular performances at the school and other venues. Performances are considered part of class time and are a mandatory part of this course. There will be at least 5 evening concerts per year that must be attended. Regular home practice is required for success in this course. Opportunities will be made available for solo, small ensemble and large ensemble performances. Classes run year-long and are held outside the regular school schedule on Tuesdays from 3:15-5:00pm and Fridays from 7:00-8:20am.

PIANO STUDENTS

Students with advanced piano skills (Conservatory 7 or higher) can enroll in choir at any level and receive credit at that level for simply accompanying the choir. You must have teacher approval before signing up for choir as an accompanist.



GRADE 10, 11 & 12 • CAREER & BUSINESS EDUCATION

CAREER LIFE EDUCATION - REQUIRED

MCLE-10

Credits: 4

Career Life Education is a required course that will enable students to develop career and education plans, make thoughtful decisions, and take responsibility for pursuing their goals. The main components of CLE include: Graduation Planning and Requirements, Education and Career Research, Financial Literacy and Global Economic market conditions, Community Networking, Innovation and Entrepreneurship.

Topics studied include: work place safety, entrepreneurship, goal setting and personal skills inventories, and additional life skills. Successful completion of CLE 10 is a pre-requisite for taking CLC12 and participation in the Capstone Project in grade 11 or 12.

CAREER LIFE CONNECTIONS - REQUIRED

MCLC-12

Credits: 4

CLC is required for graduation, building on the skills developed in CLE. Students in CLC will work through three main content areas: Personal Development; Connections to Community; and Career Life Planning. CLC includes the CAPSTONE, a culminating project, presentation, or performance that will allow students the opportunity to consolidate and showcase the learning from their school and life experience into a meaningful and relevant product.

Option A: This will take place in a classroom with a teacher guiding the learning.

Option B: Is the exact same course as CLC12A with the exception that it is done independently outside the regular time table. There will be mandatory meetings set up on a bi-weekly basis (either before school, Lunchtime or after school). Attendance at these meetings is MANDATORY and is part of the commitment given, through a signed contract, to take the course outside the timetable. The course will be delivered through Google Classroom. THERE WILL BE AN

APPLICATION PROCESS TO TAKE CLC B. Teacher references and parent sign-off will also be required. Your application will be reviewed by a panel of three members of the school staff before acceptance is given.

CAPSTONE - REQUIRED

Mandatory Completion in Order to Graduate ***Credits: 0***

The CAPSTONE PROJECT (CP) is now in place of the former Graduation Transition Interviews (GT). CAPSTONE is a culmination project, presentation or performance that will allow students the opportunity to consolidate and showcase the learning from their school and life experience into a meaningful and relevant product. The CP is a celebration of learning and experience that allows students to demonstrate their ability to think critically/creatively, show their connection to the outside world and identify their future plans for their future. The CP is a hands-on, interactive and on-going project that, like the District Project Scholarships, will culminate with a 20 minute presentation to a panel of individuals well-versed in the area chosen.

DISTRICT PROJECT SCHOLARSHIP

Grade 12 Art Students are encouraged to work on projects that span the school year from September to May in order to participate in the School District Project Scholarship Program. By completing a body of work that demonstrates excellence in skills and knowledge, students can win scholarships of **\$1,250.00**.



PEER TUTORING 11 / 12

YIPS-1B/YIPS-2B

Instructor approval and interview required

Peer Tutors are responsible for working with individuals and/or groups of students, usually within the classroom setting. This course would be of interest to those students who enjoy helping others, have a solid academic standing, attend regularly and are conscientious. Peer tutor classroom placements are decided by the course instructor in consultation with the student. A completed application form for Peer Tutoring **must** accompany your course selection form. Forms are available in the counselling office. Excellent attendance and good effort are critical for entry into this course. Course work includes daily log journals, log summary and research paper. If you are considering a career in education, counselling or social work, this course would be ideal.

LEADERSHIP 10/11 / 12

YCPA-0A/YCPA-1A /YCPA-2A

Application form available in counselling area or at
<http://www.sd22.bc.ca/school/kalamalka/Pages/default.aspx>

A completed application form for Leadership must accompany your course selection form.

This course is designed for those students who wish to develop a sense of responsibility as well as qualities of initiative, leadership and school pride. Through theory and practice, students will gain knowledge, skills and experience in leadership both in front of and behind the scenes. Students selected for Leadership will complete various units in the Student Leadership Challenge program. In addition to in-class activities, students will be responsible for organizing various school functions and activities including fundraisers, themed events, assemblies, spirit weeks and the like. Students will also participate in a variety of community events in hopes of fostering a sense of active citizenship and responsibility.