2025-2026

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INTRODUCTION

The content of this booklet can also be found at https://www.vsb.bc.ca/king-george/ under the "Teaching and Learning" tab; click on the "Courses" page. This booklet is intended for the use of our Grade 8-11 students and their parents/guardians for planning courses for future years.

These course descriptions are Grade 9-12 course offerings by departments of the school. Students should consider carefully the courses they wish to take next year. Courses may not be scheduled if projected enrolment is insufficient.

Although school staff will make every effort to assist students in course planning, it is the responsibility of students and their families to ensure that the courses required for graduation by the BC Ministry of Education are completed and the entrance requirements of the post-secondary institution program(s) of choice are satisfied.

**** Please note that course selections indicate interest and that courses are scheduled based on overall interest and enrollment. Not all selected courses may run or have space for all who indicated interest. ****

How to use this booklet:

1. Study the graduation requirements.
2. Read the Course Descriptions for the core academic courses: English, Socials, Math, Science, PE and Languages (if any).
3. Look for additional (elective) courses based on your interests, abilities, and possible use in a future vocation.
4. Select eight courses.
5. If you have questions, ask your grade counsellor or teachers in the appropriate department.
6. Do not assume you will be allowed to drop out of a course once you have chosen it. The final decision rests with the grade administrator.
7. Do not assume that a course you have not selected will be available to you.

COURSE SELECTION PROCESS

Students will begin the process of selecting courses for the following school year in January. Students select a full program of studies (8 courses per year) which meet the following goals:

1. Meet graduation requirements for British Columbia
2. Support future plans, such as entrance to college or university
3. Provide a balanced and engaging educational experience, which includes a balance of academic and elective courses

All students in Grades 8 through 11 will have completed their course selections by the end of February. Students will be selecting their courses through the MyEdBC computer system. It is imperative that parents/guardians and students are comfortable with the site and that all students are aware of their passwords. Counsellors will be assisting students with the selection of their courses.

B.C.'s Curriculum Structure

Core Competencies

The Core Competencies are the foundation of the B.C. curriculum. The Core Competencies are sets of intellectual, personal and social-emotional proficiencies that all students need to develop in order to engage in deep, life-long learning. Students develop Core Competencies when they are engaged in the "doing" – the Curricular Competencies – within a learning area. As such, they are an integral part of the curriculum. While they manifest themselves uniquely in each area of learning, the Core Competencies are often interconnected and are foundational to all learning. Through consultation with stakeholders across the province, three Core Competencies were identified:

1. **COMMUNICATION** - with two sub-competencies - **Communicating** and **Collaborating**
2. **THINKING** - with two sub-competencies - **Creative Thinking** and **Critical Thinking**
3. **PERSONAL & SOCIAL** - with three sub-competencies - **Personal Awareness and Responsibility, Positive Personal and Cultural Identity**, and **Social Awareness and Responsibility**

Core Competencies will be integrated throughout the curriculum of all classrooms. Students are expected to reflect upon the learning process and self-assess their development of the Core Competencies using SpacesEDU.

Concept-based, competency-driven curriculum

British Columbia's curriculum brings together two features that most educators agree are essential for 21st-century learning: a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. These approaches complement each other because of their common focus on active engagement of students. Deeper learning is better achieved through "doing" than through passive listening or reading. Similarly, both concept-based learning and the development of competencies engage students in authentic tasks that connect learning to the real world.

Flexible learning environments

Learning can take place anywhere, not just in classrooms. Many schools and teachers create learning environments that explore the use of time and space in creative ways. The integration of areas of learning and technology also have opened the door for teachers and schools to approach the use of time and space in creative ways – ways that adapt to the students' needs and interests.

Curriculum Model

Three elements, the Content (Know), Curricular Competencies (Do), and Big Ideas (Understand) all work together to support deeper learning. British Columbia's curriculum design enables a personalized, flexible and innovative approach at all levels of the education system. All areas of learning have been redesigned using this model.

Content (Know)

The Content learning standards — the "Know" of the Know-Do-Understand model of learning — detail the essential topics and knowledge at each grade level.

Curricular Competencies (Do)

The Curricular Competencies are the skills, strategies, and processes that students develop over time. They reflect the "Do" in the Know-Do-Understand model of learning. While Curricular Competencies are more subject-specific, they are connected to the Core Competencies.

Big Ideas (Understand)

The Big Ideas consist of general principles and the key concepts important in an area of learning. They reflect the "Understand" component of the Know-Do-Understand model of learning. The big ideas represent what students will understand at the completion of the curriculum for their grade. They are intended to endure beyond a single grade and contribute to future understanding.

GRADUATION REQUIREMENTS

B.C. Certificate of Graduation (Dogwood Diploma)

The B.C. Certificate of Graduation, or Dogwood Diploma, is awarded to students who successfully complete the provincial graduation requirements.

To meet the general requirements for graduation and be eligible for a British Columbia certificate of Graduation, a student must (a) earn 80 credits, of which at least 16 must be at the Grade 12 level, and which (b) must include all courses listed below and 28 elective credits.

- 52 credits are required from the following:
  - A Language Arts 10 (4 credits)
  - A Language Arts 11 (4 credits)
  - A Language Arts 12 (4 credits)
  - A Social Studies 10 (4 credits)
  - A Social Studies 11 or 12 (4 credits)
  - A Mathematics 10 (4 credits)
  - A Mathematics 11 or 12 (4 credits)
  - A Science 10 (4 credits)
  - A Science 11 or 12 (4 credits)
  - Physical and Health Education 10 (4 credits)
  - An Arts Education and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits)
  - Career Life Education (4 credits)
  - Career Life Connections (4 credits)
  - Indigenous-focused (4 credits)

Graduation Assessments

The Provincial Graduation Assessment requirements for all students are as follows:

- the Graduation Numeracy 10 Assessment.
- the Graduation Literacy 10 Assessment.
- the Graduation 12 Literacy Assessment.

The assessments will be reported on the following scale:

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

CAREER EDUCATION

Career Education is a main component of BC's new curriculum. Career Education is implemented in all five grades (Grade 8-12) in both off-timetable and on-timetable formats.

Grade 9 **Career Education 9 (4 credits)** – Off-timetable. Course attached to grade counsellor. Concepts and material covered through independent work on Teams, assemblies, classroom visits, FIT time.

CAREER LIFE EDUCATION 10 **Course Code: MCLE-10**

CLE is a graduation requirement and is a mandatory course in Grade 10. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

CAREER LIFE CONNECTIONS **Course Code: MCLC-12**

CLC is a graduation requirement completed by Grade 12 and includes a Capstone project. For more information, please visit:

Career Life Connections | Building Student Success - B.C. Curriculum (gov.bc.ca)

The aim of these courses is to provide students with opportunities to explore a variety of careers and options for their future. Career education helps students to discover a bridge between classroom learning and workplace and post-secondary realities and is intended to make their learning meaningful and relevant. Curricular Competencies are action-based statements that reflect the "Do" component of the curriculum and identify what students will do to demonstrate their learning. These courses are intended to promote flexibility and creativity, enabling students to explore multiple ways to demonstrate their learning.
The curricular competencies in the Career Education curriculum focus particularly on the Personal and Social Competencies and are designed to address four themes:

- self-awareness
- working with others (collaboration and communication)
- career knowledge and awareness
- career planning

ENGLISH LANGUAGE ARTS

The English Language Arts curriculum presents what students are expected to know, understand, and be able to do, articulated in a learning progression that begins in kindergarten and continues through Grade 12. It includes a focus on the joy of reading a variety of materials, including story and informational text, and on First Peoples content, worldviews, and Principles of Learning.

The curriculum is designed to empower students by providing them with strong communication skills, an understanding and appreciation of language and literature, and the capacity to engage fully as literate and responsible citizens in a digital age. Students are guided in their learning to think critically, creatively, and reflectively; to construct a sense of personal and cultural identity; and to be respectful of a range of perspectives and worldviews. The English Language Arts curriculum is a foundational component of education in British Columbia schools.

English Language Arts 9 Course Code: MEN-09

Students in the mini-school program should select MEN—09C01

English Language Arts 9 fulfills requirements for the BC curriculum. Students will build Core Competencies through exploring Big Ideas and developing Curricular Competencies including Comprehend and Connect (reading, listening and viewing) and Create and Communicate (writing, speaking and representing).

In English Language Arts 9, students read from a variety of literary genres including short stories, poetry, novels, drama (a Shakespearean play), and non-fiction. Students analyze literature with a focus on literary devices. Students will practice various styles of writing, from sentence structures to paragraph writing and multi-paragraph development. During English Language Arts 9, students explore the writing process, developing their work through a series of steps such as gathering information, organizing ideas and evidence, and polishing a final product. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

Literary Studies 10/ Creative Writing 10 Course Codes: MCTWR10, MLTST10

This course combines two two-credit courses from the BC Grade 10 curriculum: Literary Studies 10 and Creative Writing 10. These courses will be taught concurrently throughout the year.

Students will explore the literature of a particular era, geographical area, or theme, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

Creative Writing 10 is designed to explore creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. This course is intentionally grounded in the sampling of writing processes, inviting students to express themselves creatively as they experiment with, reflect on, and practice their writing. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

EFP: LITERARY STUDIES AND NEW MEDIA 11 **Course Code: MELNM11**

English First Peoples 11 allows students to delve deeply into oral, written, visual and multimedia texts. Students can explore key aspects of Canada's past, present, and future through examination of First Peoples' texts and contexts. This will allow them to reflect on their own personal, social, and cultural contexts, values, and perspectives, and to:

- increase their analytical skills by examining features of Indigenous texts such as narrative structure, oral history, and the purposes of storytelling.
- enhance their development of expressive, receptive, and collaborative communication skills.
- expand their development as educated local and global citizens through critical reflection on themes such as reconciliation and decolonization.
- broaden their understanding of themselves and the world through reflection on culture, identity, community, and connection to the land.
- further develop higher-level thinking and learning skills.

Students meet their Indigenous course Graduation requirement through this course. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

ENGLISH STUDIES 12 **Course Code: MENST12**

The required English Studies 12 course builds on and extends students' previous learning experiences in English Language Arts 10 and 11 courses. It is designed for all students and provides them with opportunities to do the following:

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

For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

ENGLISH LANGUAGE LEARNING

The ELL program at King George consists of two levels. The program's objective is to teach students to read, understand, write, and speak Canadian English at grade level.

Language instruction at the introductory level focuses on oral skills and provides the skills needed to adapt to Canadian society. Language skills are taught sequentially (from simple to complex usages). Classes may focus on one language skill but not to the exclusion of the others. Language instruction at the second level focusses on grammatical concepts and reading comprehension with an introduction to elements of the Language Arts curriculum. Where a student's language abilities have proven excellent, consideration is given to integrating them into regular program courses. Promotion from one level to the next is the result of student achievement in all four of the language areas (reading, writing, speaking, listening) as well as consultation among the teachers of the ELL Department. It is important for students and parents to understand that achieving fluency in English, as well as success in school, depends upon the efforts of the student. **A regular home study plan that includes personal reading, writing, and speaking is essential.** A student's contributions to class work and discussion are highly regarded as a means of acquiring and demonstrating language fluency.

Students in the ELL program at King George will be expected to take:

- ELL Writing (assessed on Proficiency Scale)
- ELL Reading (assessed on Proficiency Scale)
- Graduating requirements as laid out by the Ministry of Education for each grade

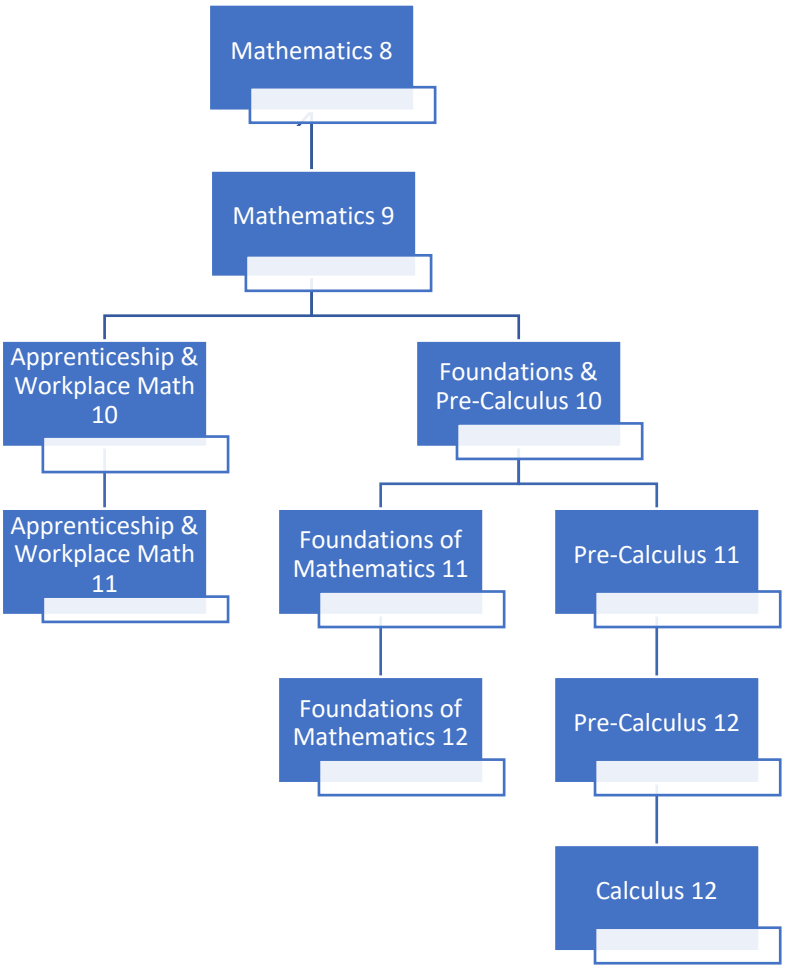
MATHEMATICS

Mathematics is integral to every aspect of daily life. Mathematical skills are essential for solving problems in most areas of life and are part of human history. All peoples have used and continue to use mathematical knowledge and competencies to make sense of the world around them.

Mathematical values and habits of mind go beyond numbers and symbols; they help us connect, create, communicate, visualize, and reason, as part of the complex process of problem solving.

Observing, learning, and engaging in mathematical thinking empowers us to make sense of our world. Whether students choose to pursue a deeper or broader study in mathematics, the design of the mathematics curriculum ensures that they are able to pursue their individual interests and passions while establishing a strong mathematical foundation.

This program map shows a list of recommended pre-requisite courses, that is, the possible pathways of supporting courses in Mathematics:



MATHEMATICS 9 **Course Code: MMA--09**

Students in the mini-school program should select **MMA—09C01**

Topics include operations with rational numbers (addition, subtraction, multiplication, division, order of operations); exponents and exponent laws (whole-number exponents); operations with polynomials (degree less than or equal to 2); two-variable linear relations (using graphing, interpolation, and extrapolation); multistep one-variable linear equations; spatial proportional reasoning; statistics in society; financial literacy (simple budgets and transactions) For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

In the senior grades, there are three distinct Math pathways available to students, though students can elect to enter more than one of these pathways by taking multiple math courses concurrently:

1) Workplace: designed to provide students with mathematical understanding and critical-thinking skills identified for entry into most trades, via a technical college or a trade school, and for direct entry into the workforce.

2) Pre-Calculus: designed to prepare students for future study of Calculus and other University program selections.

3) Foundations of Mathematics: designed to qualify students for university entrance to programs not requiring Calculus.

FOUNDATIONS OF MATH AND PRE-CALCULUS 10 **Course Code: MFMP-10; MINI MFMP-10C01**

Topics include operations on powers with integral exponents; prime factorization; functions and relations (connecting data, graphs, and situations); linear functions (slope and equations of lines); arithmetic sequences; systems of linear equations; multiplication of polynomial expressions; polynomial factoring; primary trigonometric ratios; financial literacy: gross and net pay. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

WORKPLACE MATHEMATICS 10 **Course Code: MWPM-10**

Topics include create, interpret, and critique graphs; primary trigonometric ratios; metric and imperial measurement and conversions; surface area and volume; central tendency; experimental probability; financial literacy (gross and net pay). For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

PRE-CALCULUS 11 **Course Code: MPREC11**

Topics include real number system; powers with rational exponents; radical operations and equations; polynomial factoring; rational expressions and equations; quadratic functions and equations; linear and quadratic inequalities; trigonometry (non-right triangles and angles in standard position); financial literacy (compound interest, investments, loans). For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

FOUNDATIONS OF MATHEMATICS 11 **Course Code: MFOM-11**

Topics include forms of mathematical reasoning; angle relationships; graphical analysis (linear inequalities, quadratic functions, systems of equations, optimization); applications of statistics; scale models; financial literacy (compound interest, investments and loans). For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

WORKPLACE MATHEMATICS 11 **Course Code: MWPM-11**

Topics include financial literacy (personal investments, loans, and budgeting); rate of change; how probability and statistics are used in different contexts; interpreting graphs in society; 3D objects (angles, views, and scale diagrams). For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

PRE-CALCULUS 12 **Course Code: MPREC12**

Topics include transformations of functions and relations; exponential functions and equations; geometric sequences and series; logarithms (operations, functions, and equations); polynomial functions and equations; rational functions; trigonometry (functions, equations, and identities).

For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

FOUNDATIONS OF MATHEMATICS 12 **Course Code: MFOM-12**

Topics include geometric explorations (constructions, conics, fractals); graphical representations of polynomial, logarithmic, exponential, and sinusoidal functions; regression analysis; combinatorics; odds, probability, and expected value; financial planning. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

CALCULUS 12 **Course Code: MCALC12**

This course is intended for students planning to further their studies in mathematics at a post-secondary level. The course introduces the principles of differential and integral calculus and provides the student with a forum to apply his or her knowledge of functions in many new situations involving limits, rates of change and integration processes. Emphasis will be on the practical rather than the theoretical; proofs will be investigated as required but application of the principles will be stressed. This course demands skills in higher mathematical analysis and should be attempted by those fulfilling the prerequisites only.

Topics include functions and graphs; limits (left and right limits, limits to infinity, continuity); differentiation (rate of change, differentiation rules, higher order, implicit, applications); integration (approximations, fundamental theorem of calculus, methods of integration, applications). For more information, please visit:

Building Student Success -- B.C. Curriculum (gov.bc.ca)

PHYSICAL AND HEALTH EDUCATION

The Physical and Health Education (PHE) curriculum aims to empower students to develop a personalized understanding of what healthy living means to them as individuals and members of society in the 21st century. The PHE curriculum focuses on well-being — the connections between physical, intellectual, mental, and social health. This approach aligns with those of jurisdictions across Canada and throughout the world to promote a deeper and more holistic understanding of overall health and well-being in students.

PHYSICAL AND HEALTH EDUCATION 9 **Course Code: MPHE-09**

This is a mandatory course in Grade 9. The content of Physical and Health Education 9 has four program dimensions:

1. Physical Literacy
2. Healthy and Active Living
3. Social and Community Health
4. Mental Well-being

For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

PHYSICAL AND HEALTH EDUCATION 10 **Course Code: MPHED10**

This is a mandatory course in Grade 10. The content of Physical and Health Education 10 has four program dimensions:

1. Physical Literacy
2. Healthy and Active Living
3. Social and Community Health
4. Mental Well-being

For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

ACTIVE LIVING 11 and 12 **Course Codes: MACLV11, MACLV12**

The content of Active Living 11 and 12 11 and 12 has three program dimensions:

1. Active Living:
2. Fitness and Conditioning:
3. Outdoor Education:

Through these three program dimensions of Physical Health and Education, students are expected to be able to demonstrate outdoor and indoor activity skills, social responsibility, collaboration, teamwork and safety. They will also see the value of how participating in physical activity plays an important role in the development of lifetime physical fitness attitudes. Certain requirements must be met in order for students to participate in overnight trips. These include service hours (30 for PE 11 and 45 for PE 12), maintaining a minimum of 80% grade average and attending all workshops, first aid courses that are organized through the class. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)
Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

STRENGTH AND CONDITIONING 11 AND 12 **Course Codes: MFTCD11, MFTCD12**

This course is designed to introduce students to the principles of Strength and Conditioning (S&C) with a focus on developing the physical skills necessary for success in a variety of sports and activities. Through a combination of classroom instruction and hands-on training, students will learn how to properly warm up, design programs, and perform a variety of strength and conditioning exercises. S&C students will be exposed to numerous fitness workouts, from weightlifting to running/endurance exercises, and are expected to improve physically as the year progresses. If you are wanting to play sports and games, it is recommended that you take Active Living PHE 11/12. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

HEALTH AND WELLNESS 10/11/12 **Course Codes: PHED10SC1, MACLV11SC1, MACLV12SC1**

Health and Wellness 10/11/12 – Lifelong Fitness and Wellness is a comprehensive course designed to empower students with the knowledge and skills to lead a healthy and active lifestyle without the need for team sports and competition. This course will focus on various aspects of fitness, including yoga, mental health, cardiovascular fitness, and overall physical well-being. Through a combination of theoretical understanding and practical application, students will develop strategies to maintain and improve their fitness levels throughout their lives. This is a multi-grade course which will fulfill the graduation requirement for Physical Education 10 and will generate a senior Active Living credit for Grade 11 & 12 students.

SCIENCE

Science and scientific literacy play a key role in educating citizens of today for the world of tomorrow. Critical to succeeding in this endeavour are the core competencies that provide students with the ability to think critically, solve problems, and make ethical decisions; to communicate their questions, express opinions, and challenge ideas in a scientifically literate way; and to exercise an awareness of their role as ecologically literate citizens, engaged and competent in meeting the responsibilities of caring for living things and the planet.

Science 9 **Course Code: MSC--09**

Students in the mini-school program should select **MSC—09C01**

Science 9 looks at science process skills through BC curricular competencies including questioning and predicting, planning and conducting, processing and analyzing data, evaluating, applying, and innovating and communicating. Topics of study are encapsulated in the Big Ideas: cells are derived from cells; the electron arrangement of atoms impacts their chemical nature; electric current is the flow of electric charge; the Earth's major spheres are interconnected as matter cycles and energy flows through them. Students will be assessed on BC Curricular Competency Learning Standards in Science, namely Questioning and predicting, Planning and Conducting, Processing and Analyzing data and information, Evaluating, Applying & Innovating and Communicating. For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

Science 10 **Course Code: MSC--10**

Science 10 is devoted to a more advanced study of science content and process skills than Science 9. The course focuses on the BC curricular competencies including questioning and predicting, planning, and conducting, processing, and analyzing data, evaluating, applying and innovating, and communicating. Topics of study are encapsulated in the Big Ideas; DNA is the foundation for the diversity of living things; chemical processes require energy change as atoms are rearranged; Energy is conserved, and its transformation can affect living things and the environment; The formation of the universe can be explained by the Big Bang Theory. Students will be assessed on BC Curricular Competency Learning Standards in Science, namely Questioning and Predicting, Planning and Conducting, Processing and Analyzing data and information, Evaluating, Applying & Innovating and Communicating. For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

LIFE SCIENCES 11 **Course Code: MLFSC11**

Life Sciences 11 is a survey of the living world. The three Big Ideas for this course include: Life is a result of interactions at the molecular and cellular levels; evolution occurs at the population level; organisms are grouped based on common characteristics. Life Sciences 11 is a laboratory course, and students will be introduced to laboratory equipment and techniques used in more advanced Biology courses. The BC curricular competencies continue to be addressed through the study of Taxonomy, the Process of Evolution and the Characteristics of Living Things and the Scientific Process. For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

CHEMISTRY 11 **MCH--11**

Chemistry 11 is a laboratory course that begins to develop students' analytical skill set as the BC curricular competencies continue to be developed. The Big Ideas for this course include atoms and molecules are the fundamental building blocks of matter; chemical bonds are the result of electrostatic forces; periodicity can be explained by atomic structure; the mole is a quantity used to make atoms and molecules measurable; the application of chemical reactions, solution chemistry and organic chemistry have significant implications for human health, society, and the environment. Students will continue to be assessed on BC Curricular Competency Learning Standards, namely Questioning and predicting, Planning and Conducting, Processing and Analyzing data and information, Evaluating, Applying & Innovating and Communicating.
It is strongly recommended that students have at least a "C" (56-69%) standing in Mathematics 10. For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

PHYSICS 11 **Course Code: MPH--11**

Physics 11 is a theoretical and practical math-based skills course that introduces 2D theory and continues to develop students' BC science curricular competencies. The Big Ideas for this course include: an object's motion can be predicted, analyzed, and described; forces influence the motion of an object; energy is found in different forms, is conserved, and has the ability to do work; mechanical waves transfer energy but not matter. Students will continue to be assessed on BC Curricular Competency Learning Standards, namely Questioning and predicting, Planning and Conducting, Processing and Analyzing data and information, Evaluating, Applying & Innovating and Communicating.

It is strongly recommended that students have at least a "C" (56-69%) standing in Mathematics 10. For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

ENVIRONMENTAL SCIENCE 11 **Course Code: MEVSC11**

Students will develop an understanding of science using an environmental stewardship framework, focusing on core competencies of responsibility and social awareness. Through the Big Ideas, students will continue to develop their foundation of the BC science curricular competencies of questioning, planning, processing, evaluating, innovating and communicating. There are four Big Ideas in Environmental Sciences 11: Complex roles and relationships contribute to diversity of ecosystems; Changing ecosystems are maintained by natural processes; Human practices affect sustainability of ecosystems; Humans can play a role in stewardship and restoration of ecosystems. Students will continue to be assessed on BC Curricular Competency Learning Standards, namely Questioning and predicting, Planning and Conducting, Processing and Analyzing data and information, Evaluating, Applying & Innovating and Communicating.
For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

ANATOMY AND PHYSIOLOGY 12 **Course Code: MATPH12**

It is strongly recommended that students have completed Life Sciences 11 prior to taking this course.
Anatomy and Physiology 12 is an introduction to human anatomy and physiology. Big Ideas include homeostasis is maintained through physiological processes; gene expression, through protein synthesis, is an interaction between genes and the environment; organ systems have complex interrelations to maintain homeostasis. Students will continue to be assessed on BC Curricular Competency Learning Standards, namely Questioning and predicting, Planning and Conducting, Processing and Analyzing data and information, Evaluating, Applying & Innovating and Communicating.
This course is more demanding than Life Sciences 11 and requires knowledge and laboratory techniques learned in Life Sciences 11. Students will benefit from taking Chemistry 11 prior to taking this course. For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

CHEMISTRY 12 **Course Code: MCH--12**

This a theoretical course that covers five Big Ideas, namely, reactants must collide to react, and the reaction rate is dependent on the surrounding conditions; Dynamic equilibrium can be shifted by changes to the surrounding conditions; Saturated solutions are systems in equilibrium; Acid or base strength depends on the degree of ion dissociation; Oxidation and reduction are complementary processes that involve the gain or loss of electrons. Students will continue to be assessed on BC Curricular Competency Learning Standards.
It is strongly recommended that students have at least a "C" standing in Chemistry 11. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

PHYSICS 12 **Course Code: MPH--12**

Physics 12 is a rigorous course that further expands the exploration of 2D physical relationships observed in Physics 11. The Big Ideas for this course include Measurement of motion depends on our frame of reference; Forces can cause linear and circular motion; Forces and energy interactions occur within fields; Momentum is conserved within a closed and isolated system. Students will continue to be assessed on BC Curricular Competency Learning Standards.

It is strongly recommended that students have at least a "C" standing in Physics 11. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

SOCIAL STUDIES

The primary goal of Social Studies education is to give students the knowledge, skills, and competencies to be active, informed citizens who can think critically, understand and explain the perspectives of others, make judgments, and communicate ideas effectively.

Through their study of historical events, students will gain an understanding of the people, places, issues, and events that have shaped the world they live in. By studying some of the many different cultures and ways of life that exist and have existed throughout the world, students will develop both a deeper understanding of the differences between peoples and an appreciation of the aspects of human experience shared across time and space.

Social Studies provides students with an understanding of their place in the world and the connections between the human and natural environment. The increasing cultural and economic interconnections between societies and the growing awareness of the importance of environmental sustainability make geographic understandings a crucial part of informed citizenship.

The Social Studies curriculum provides opportunities for students to learn about Canadian society, our democratic institutions, and the rights and responsibilities of Canadian citizens. It explores how students can have an impact on the decisions made in their society and advocate for causes important to them. Students will also understand the importance of being open to new ideas and civil to those with whom they disagree in creating a healthy and vibrant democracy.

SOCIAL STUDIES 9 **Course Code: MSS--09**

Students in the mini-school program should select **MSS—09DC1**

This course offers an in-depth study of significant events, developments, places, and people in the years 1750 to the lead up to WWI in early 20th century in Canada and around the world. Students will investigate a wide variety of topics that may include discriminatory policies and historical wrongs in Canada, such as the Head Tax and the Komagata Maru incident; revolutions and conflicts (for example: the French Revolution, industrialization, the Chilcotin War). Topics about Canada that stretch beyond this period may include the consequences of colonialism on indigenous people and Canada's physiographic features. Students will continue to develop historical and geographical competencies learned in grade 8. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

SOCIAL STUDIES 10 **Course Code: MSS--10**

This course examines significant global and Canadian events, developments, people, and places beginning with WWI through the lenses of historical and geographical thinking competencies. Students will investigate topics of interest up to present day that may include Canadian identity, autonomy, economy, and governance; discriminatory policies and injustices in Canada, such as residential schools and internments; First Peoples' governance in Canada; truth and reconciliation in Canada; case studies of international and domestic conflict and cooperation (for example: WWI, WWII, NAFTA, the Quiet revolution, the Oka crisis; the League of Nations, NATO); climate change; and urbanization. A trip to Victoria is usually planned for this course to help students better understand the roles of citizen and government in our society. For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

EXPLORATIONS IN SOCIAL STUDIES 11 **Course Code: MEPSS11**

The curriculum for Explorations in Social Studies 11 is designed to provide flexibility for teachers and students by borrowing from the curricular content of the other senior Social Studies courses. In particular, this course will integrate ideas from **History**, **Law**, **Urban Studies**, and **Genocide Studies**. Its major focus will be on the legal framework of Human Rights and Civil Liberties at the local and international scale. We will examine several topics through this lens, such as the 'War on Terror,' the housing crisis, and current events.

Note: Students in both grade 11 and grade 12 may register for this course.

Building Student Success - B.C. Curriculum (gov.bc.ca)

20th CENTURY WORLD HISTORY 12 **Course Code: MWH--12**

20th Century World History will explore the events, peoples, ideas, developments, conflicts, and trends of the last century that have shaped today's world and are paving the way for the future. Topics for study will include but are not limited to the resolution of WWI, WWII, the Cold War, human rights movements, migrations, and authoritarian regimes. This course will reflect multiple perspectives and develop other concepts such as ethical judgment using projects, presentations, and group work. Students in both grade 11 and grade 12 may register for this course. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

COMPARATIVE CULTURES **Course Code: MCMCL12**

In this course, students will learn about a wide range of different historical civilizations and cultures around the globe, possibly including Ancient Greece and Rome, Egypt, Africa, China, the Aztecs, and different pre-contact indigenous societies of North America. These different societies will be analyzed in terms of their art, culture, daily life, archetypes, belief systems and power structures. This study of global history will be performed with the overarching goal of broadening students' cultural perspectives and empowering them to think and act as citizens of the world.

Students will also use the tools and concepts they acquire in this course to study contemporary society, examining modern-day pop culture, politics and social structures with a critical eye.

Note: Students in both grade 11 and grade 12 may register for this course.

Building Student Success - B.C. Curriculum (gov.bc.ca)

Philosophy 12 will be offered on an alternating schedule with Comparative Cultures 12. Philosophy 12 will be offered for the 2026-2027 school year.

SOCIAL JUSTICE 12 - JUSTICE IN THE CITY Course Code: MSJ-12

Did you know that our city has played a critical role in launching the global environmental movement? Have you ever wondered about the role of the Davie Village in fighting for LGBTQ+ rights? Do you want to learn more about local Black and Indigenous history? These are the kinds of topics we will explore in this course.

A growing number of people in our world now live in urban areas. But in cities across the world, including Vancouver, there are deepening patterns of inequality. In this course, we will use social justice concepts to investigate challenges facing our city and to understand more about our own diverse experiences. Students will study local history to learn about how our city's citizens have fought inequities in the past. We will also engage with activists and community organizations to learn more about what is happening now to address inequities. And we'll focus on imagining ways we can create a fairer and more just city for our future.

Much of the learning in this course will be project-based and will take us outside of our classroom and into our community.

Note: Students in both grade 11 and grade 12 may register for this course.

Building Student Success - B.C. Curriculum (gov.bc.ca)

Note: Urban Studiers 12 will be offered on an alternating schedule with Social Justice 12. Urban Studies will be offered for the 2026-2027 school year.

NON-ACADEMIC ELECTIVES

ARTS EDUCATION

DRAMA

DRAMA 9 AND 10 **Course Codes: MDR--09, MDRM-10**

Drama 9 and 10 includes many elements of Drama 8. They will continue to develop their voice and movement skills to create dramatic works both collaboratively and as an individual, using ideas inspired by imagination, inquiry, and purposeful play. Students will participate in a variety of drama games, scene work and improvisation to improve their storytelling skills. This course focuses heavily on participation, attendance, and group work. When there is opportunity, students will see and think critically about live theatre. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 9)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 10)

DRAMA 11 AND 12 **Course Codes: MDRM-11, MDRM-12**

Drama 11 and 12 is an extension of Drama 10. Students will continue to build on their voice and movement skills and refine their storytelling skills. Students will use these skills to lead and participate in a variety of drama games, scene work and improvisation. Students will be challenged to think on their feet, work as a team to build community and express themselves vocally and physically in front of an audience. This course focuses heavily on participation, attendance, and group work. When there is opportunity, students will see and think critically about live theatre. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

DIRECTING AND SCRIPTWRITING 11 AND 12 **Course Codes: MDRDS11, MDRDS12**

Students will learn how to write a theatre script and then direct their peers using those scripts on a theatre stage. This course is designed to develop the student's ability to be creative, interpretive, and exploratory. Students should develop an appreciation for and an understanding of the role of director and playwright. Directors and writers are observant of the world and use language and action to present ideas and influence others. Students will learn to give, receive, and apply feedback to any dramatic work of art. For more information, please visit: ***This is NOT a film course. Please speak to the instructor if you have questions about the course.**

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

THEATRE COMPANY 10, 11 AND 12 **Course Codes: MDRTC10OFF, MDRTC11OFF, MDRTC12OFF**

In this course students will refine their acting skills to produce performances to a paying audience. The class will be off timetable, 2x a week. Time will increase during tech and show weeks. Auditions will be required to be a part of the course. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 10)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

THEATRE PRODUCTION 10, 11 AND 12 **Course Codes: MDRTP10POFF, MDRTP11OFF, MDRTCP12OFF**

In this course, students will learn the technical side of theatre to produce performances to a paying audience. Topics will include stage management, lights, props, set and costumes. The class will be off timetable, 2x a week. Time will increase during tech and show weeks. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 10)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

MUSIC

CONTEMPORARY MUSIC (ROCK BAND) 9 **Course Code: MMU--09**

Have you ever wanted to be in a band? Does the idea of forming a group with your peers and learning music of your choice sound like fun to you? Then KG Rock Band is the place for you! Contemporary Music is a course designed around building musicianship through engagement with the music of your choice with peers of your choice. This course offers a less traditional approach to music learning, focusing more on learning by ear, chord reading, listening skills, and collaboration. This course is open to instrumentalists and singers with varying degrees of experience, from absolute beginners to expert rockers. Everyone is welcome! For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

CONTEMPORARY MUSIC (ROCK BAND) 10 **Course Code: MMUCM10**

Have you ever wanted to be in a band? Does the idea of forming a group with your peers and learning music of your choice sound like fun to you? Then KG Rock Band is the place for you! Contemporary Music is a course designed around building musicianship through engagement with the music of your choice with peers of your choice. This course offers a less traditional approach to music learning, focusing more on learning by ear, chord reading, listening skills, and collaboration. This course is open to instrumentalists and singers with varying degrees of experience, from absolute beginners to expert rockers. Everyone is welcome! For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

CONTEMPORARY MUSIC (ROCK BAND) 11 AND 12 **Course Codes: MMUCM11, MMUCM12**

Have you ever wanted to be in a band? Does the idea of forming a group with your peers and learning music of your choice sound like fun to you? Then KG Rock Band is the place for you! Contemporary Music is a course designed around building musicianship through engagement with the music of your choice with peers of your choice. This course offers a less traditional approach to music learning, focusing more on learning by ear, chord reading, listening skills, and collaboration. This course is open to instrumentalists and singers with varying degrees of experience, from absolute beginners to expert rockers. Everyone is welcome!
implementing their own programs to school-aged children in our feeder schools. An enthusiastic attitude and commitment to curricular activities outside of school time are a must. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

MUSIC COMPOSITION AND PRODUCTION 9-12 **Course Codes: MMUCP11/MMUCP12**

Calling all aspiring songwriters, producers, and sound engineers! This course offers an in-depth exploration of music composition and production, designed for aspiring musicians, composers, and producers. Students will learn the fundamentals of creating original music, from conceptualization to final production, using both traditional and modern techniques. Key topics include, songwriting techniques, music theory, using a DAW (digital audio workspace), MIDI recording, live recording techniques, mixing, mastering, and project management. No prior experience is required.

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success -- BC Curriculum (gov.bc.ca) (Grade 12)

VISUAL ARTS

ART JUNIOR GRADES 9 AND 10 **Course Codes: MAE--09, MVAST10**

Junior Art classes build off the foundations laid in Grade 8 with the addition of professional quality art materials and increasing more complex projects. Students will work on a variety of projects that change on a regular basis such as advertising, water colour painting, sculpture, book binding, drawing and illustration projects such as comic strips and stenciling. Students will continue to work on their abilities to communicate through visual mediums. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 9)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 10)

ART SENIOR GRADES 11 AND 12 **Course Codes: MVAST11, MVAST12**

Senior Art classes continue from projects done in both Junior and Grade 8 Art classes with a wide variety of new projects that change on a regular basis, embracing a selection and combination of broad spectrum of materials, technologies and processes for artistic expressions. Students will develop skills and techniques in a wide range of styles and movements and a variety of technologies and processes. They will learn about contemporary art through the creation of paintings, drawings, sculpture, and mixed media projects. Field trips to the Vancouver Art Gallery and other local Art institutions are possible as well. Frequent viewing of new Modern art ensures that the students also gain practical experience with current art practices and an understanding that growth as an artist is dependent on perseverance, resilience and reflection. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

PHOTOGRAPHY 9 – 12 **Course Codes: MVAPH10, MVAPH11, MVAPH12**

1000's of pictures are taken each day, but how do you make your image stand out and tell your perspective of what you just encountered? Do you ever wonder how photographers in National Geographic are able to make you think or feel differently just after looking at one image? This course is designed to give students a working knowledge of how the principles and elements of art and design are used within photography to tell a story. Photo-shoots will be assigned that challenge students to think about what they see in their environment and in turn, to create a dialogue with the viewer with their work. Understanding of a digital SLR camera will be reviewed along with skills needed to edit (Adobe Creative Suite), create Time-lapse videos, sequences and more. (This is a technical course that requires a focused and mature student.)

(NOTE: A personal camera is not required for this course, cameras can be borrowed from the school.) For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 10)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

ANNUAL PRODUCTION

ANNUAL (YEARBOOK) PRODUCTION 10/11/12 **Course Code: YCCT-0C/YCCT-1C/YCCT-2C**

Yearbook is a hands-on course where the students and teacher work closely together to produce King George Secondary's annual. Students will be given challenging real-world projects and assignments typical of the graphic design and publishing industries. High-quality work is expected, and students will be given opportunities to revise work until it meets the standards specified during instruction. Classroom activities will include layout and design, photography, editing, research, projects, and problem-solving. Students will often work in teams but will be expected to complete individual assignments in relation to the team's work. This is a linear, off-timetable course.

APPLIED SKILLS, DESIGN, AND TECHNOLOGY

HOME ECONOMICS

INTERPERSONAL AND FAMILY RELATIONSHIPS 11 **Course Code: MIAFR11**

This course will discuss different interpersonal and family relationships throughout the lifespan. Students will dive into the concept of interpersonal relationships, including types, roles, and functions. The topics of healthy and unhealthy relationships and communication styles and strategies will be focused on and discussed. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

CHILD DEVELOPMENT AND CAREGIVING 12 **Course Code: MCDAC12**

This course will focus on the stages of child development from birth to the age of 12. Topics that will be discussed are caregiver practices, pregnancy, and socialization. In this course, students will have the opportunity to participate in the RealCare Baby Project, where they will be expected to care for a baby simulator. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

FOOD STUDIES 9 **Course Code: MADFS09**

This is an introductory course which offers students a hands-on experience in a household kitchen. This course will focus on basic food preparation, safe kitchen practices, food choice and accessibility, and cooperative group work. Students will be learning skills that can be applied at home and be using ingredients they are familiar with. This course is a part of the IB-MYP Program. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

FOOD STUDIES 10 **Course Code: MFOOD10**

This is an introductory course which offers students a hands-on experience in a household kitchen. This course will focus on basic food preparation, safe kitchen practices, food choice and accessibility, and cooperative group work. Students will be learning skills that can be applied at home and be using ingredients they are familiar with. This course is a part of the IB-MYP Program. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

FOOD STUDIES 11 **Course Code: MFOOD11**

This is an advanced course which offers students a hands-on experience in a household kitchen. This course will focus on advancing the cooking skills you have already developed. Students will be refining and learning culinary skills. The students will also be exposed some ingredients and dishes that they have not experienced before. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

FOOD STUDIES 12 **Course Code: MFOOD12**

This is an advanced course which offers students a hands-on experience in a household kitchen. This course will focus on advancing the cooking skills you have already developed. Students will be refining and learning culinary skills. The students will also be exposed some ingredients and dishes that they have not experienced before. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

TEXTILES 10 **Course Code: MTXT-10**

Students must provide supplies for their projects.

This is an introductory, project-based textiles course. Students will complete a variety of garments or projects of their own choice. Students will have an opportunity to learn basic construction techniques. Projects are selected according to the student's sewing ability and individual preferences. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

TEXTILES 11 **Course Code: MTXT-11**

Students must provide supplies for their projects.

This course allows students to continue to develop basic sewing techniques and provides opportunities to learn more advanced skills. Students will complete a variety of garments or projects suited to their sewing ability and individual preferences. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

TEXTILES 12 **Course Code: MTXT-12**

This course allows students the opportunities to learn and develop advanced sewing skills. Students will select projects according to their sewing ability and individual preferences. Students will be expected to challenge themselves with their project choices. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

TECHNOLOGY EDUCATION

WOODWORK 10 **Course Code: MWWK-10**

In this introductory course, students will learn how to safely use a variety of power and hand woodworking tools through making several set projects they can take home. Projects may include: a folding stool, a mini shelf, a personalized keepsake box, a mini-white board, cutting boards, and more. As students are making their personalized projects, students will also learn about wood properties, how to draw blueprints, as well as new joinery and finishing techniques. No woodworking experience is required except a willingness to work with hand and power tools. Since this is a technical course that involves machinery and hands-on work, there is a strong emphasis on safe work habits. Focus and regular school attendance is needed to be successful in this course. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

WOODWORK 11 AND 12 **Course Code: MWWK-11; MWWK-12**

Although this course builds on the concepts, skills, and techniques learned in Woodwork 10, no prior experience is required to be successful in Woodwork 11-12. Students will spend the largest portion of their class time working with the instructor to select or design a project that is suitable to their skill level and interests. As students are making their custom project, students will continue to expand their ability to communicate ideas, draw blueprints, estimate cost for projects, as well as create and follow that plan to make a personally meaningful project. Projects that students have made in the past include but are not limited to designing and building custom furniture, custom shelves and racks, bowls, instruments, as well as boxes and shelves. Since this is a technical course that involves machinery and hands-on work, there is a strong emphasis on safe work habits. Focus and regular school attendance is needed to be successful in this course. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 11)

Building Student Success - B.C. Curriculum (gov.bc.ca) (Grade 12)

WOODWORK 12 ADVANCED (INDEPENDENT DIRECTED STUDIES) **Course Code: MIDS-2A**

This advanced course builds on the woodworking skills and techniques learned in Woodwork 12. This course is designed to give students additional workshop hours to increase their skills and knowledge of woodworking theory and safe woodworking practice as it relates to wood product design and construction. Students will learn to carry a wood project out from the initial stages of research and drawing rough sketches all the way to completing the project and evaluating it. It is recommended for students interested in pursuing a career in engineering, applied sciences, or trades. Since this is a technical course that involves machinery, there is a strong emphasis on safe work habits. Focus and regular school attendance is needed to be successful in this course. Course details will build on Woodwork 12 and will be developed cooperatively with the instructor.

TECHNOLOGY EXPLORATION 10 **Course Code: MSTX-0A**

This is a multi-disciplinary course for the inventor and maker in all of us. In each term, students will work on a variety of hands-on projects and design challenges that change on a regular basis. The projects and challenges range from a variety of disciplines such as electronics, robotics, power mechanics, drafting, metalworking, and woodworking. Some past projects include designing and drafting your own piece of furniture, making your own sumo robot, creating your own Bluetooth speaker, and making your own copper pipe lamp. As students make their own take home projects, students can experience what carpenters, metal fabricators, plumbers, electricians, electrical engineers, and drafts people do for a living. In each project, students will learn to graphically communicate their ideas, develop a plan for production, test their ideas, and follow their plan to make the project. This course is recommended for students who enjoy working with their hands or are interested in pursuing a career in Engineering, Applied Sciences, or Trades. Since this is a technical course that involves machinery and hands on work, there is a strong emphasis on safe work habits. Focus and regular school attendance is needed to be successful in this course. For more information, please visit:

Building Students Success -- B.C. Curriculum (gov.bc.ca)

TECHNOLOGY EXPLORATION 11 AND 12 **Course Code: MSTX-1A; MSTX-2A**

Although this course builds on the concepts learned in Technology Education 10, no prior experience is required to be successful in Tech Skill Exploration 11 or 12. In this intermediate course, students will continue to be introduced new skills across a variety of different disciplines such as: electronics, robotics, metalworking, power mechanics, drafting, and woodworking. Students with prior experience are encouraged to work with the instructor to personalize, modify, and enrich each project so that it is suitable to their skill level and interests. Students will expand on their ability to communicate their ideas, plan, prototype, and make. Students will also continue to explore in a hands-on way what carpenters, metal fabricators, plumbers, electricians, electrical engineers, and drafts people do for a living. This course is recommended for students who enjoy working with their hands or are interested in pursuing a career in Engineering, Applied Sciences, or Trades. Since this is a technical course that involves machinery and hands-on work, there is a strong emphasis on safe work habits. Focus and regular school attendance is needed to be successful in this course. For more information, please visit:

Building Students Success -- B.C. Curriculum (gov.bc.ca) Technology Education

TECHNOLOGY EXPLORATION 12 ADVANCED (INDEPENDENT DIRECTED STUDIES) **Course Code: MIDS-2B**

This course is for students have completed Tech Skills Explorations 12 and are interested in pursuing electronics, robotics, graphics, metalwork, drafting, and woodworking after high school. Students will go through the entire design process. Students will design a project that interests them within the field of electronics, robotics, graphics, metalwork, drafting, or woodworking. Students then work with the instructor to create the plans and bring the design to life. This course is recommended for students who enjoy working with their hands or are interested in pursuing a career in Engineering, Applied Sciences, or Trades. Since this is a technical course that involves machinery and hands-on work, there is a strong emphasis on safe work habits. Focus and regular school attendance is needed to be successful in this course. Course details will build on Tech Skills Exploration 12 and will be developed cooperatively with the instructor.

INFORMATION AND COMMUNICATION TECHNOLOGY

INFORMATION AND COMMUNICATION TECHNOLOGIES 9 Course Code: MADIT09

In Information and Communication Technologies 9, students will build foundational skills in game development, app design, web development, and data science. Students will create simple games, websites and applications using block coding, beginner-friendly languages, and drag-and-drop tools. They will learn technology design principles by planning, prototyping, testing, and refining their projects using various platforms. This hands-on approach fosters problem-solving skills and creativity. Ethical handling of information and discussions on the impact of technology, particularly in gaming and app development, will also be covered. This course is taught in a computer lab to support practical learning and development.

For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

COMPUTER STUDIES 10 Course Code: MCSTU10

Computer Studies 10 builds on the skills from ICT 9 by expanding students' knowledge of game development, app design, web development, and data science. Students will transition from block coding to text-based coding, using languages such as HTML, CSS, Python and JavaScript to create interactive web pages, applications, and games. The design cycle—planning, prototyping, testing, and refining—will be a core focus, helping students improve their creations through iteration. Ethical considerations and the societal impacts of technology, particularly in gaming and web design, will be explored. Instruction takes place in a computer lab to facilitate hands-on development and collaboration.

For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

COMPUTER PROGRAMMING 11 Course Code: MCMPR11

In Computer Programming 11, students will deepen their game development, app design, web development, and data science skills. Building on their experience from Computer Studies 10, students will use languages such as JavaScript and Python to create more advanced games and interactive web applications. They will explore more technologies such as AI and blockchain, and how these can be used to solve real-world problems. The iterative design and development process—planning, prototyping, testing, and refining—will be emphasized throughout their projects. Ethical issues and the broader impacts of technology will be discussed. This course is taught in a computer lab to support hands-on learning and project development.

For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

COMPUTER PROGRAMMING 12 **Course Code: MCMPR12**

Computer Programming 12 is the culmination of students' learning in game development, app design, web development, and data science. Students will have the opportunity to design and develop a passion project, such as a fully functional game, a complex app, or an interactive web application. Advanced programming concepts, including integrating game engines, AI, blockchain, APIs, and databases, will be explored. The iterative design process—planning, prototyping, testing, and refining—will be central to their project development. Ethical considerations and discussions on the societal impacts of technology will be integrated throughout the course. Instruction takes place in a computer lab to provide the resources needed for complex and immersive projects.

For more information, please visit:
Building Student Success - B.C. Curriculum (gov.bc.ca)

MODERN LANGUAGES

FRENCH 9 **Course Code: MFR--09**

French 9 is a continuation of French 8. Participation in relevant activities extends vocabulary and develops more complex language structures. The focus of this course is on expressing oneself orally and the development of the listening, reading, and writing skills. In this course students develop a confidence in using French as a means of communication. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

FRENCH 10 **Course Code: MFR-10**

Through the expansion of useful vocabulary and expressions, students will acquire the ability to describe, both in oral and in written form, relevant events in the past, present, and future time. They will read more advanced French and will be expected to extract useful information from authentic documents. Cultural enrichment will continue to be an important component of the course. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

FRENCH 11 **Course Code: MFR--11**

In French 11, there is a focus to help students develop the ability to better place events in the right time sequence. To facilitate improved written and oral fluency, students are given opportunities to express themselves through oral presentations, and individual and group projects. An ongoing effort is maintained to help students experience the ambiance of La Francophonie. For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

FRENCH 12 **Course Code MFR--12**

This course gives students the opportunity to express opinions and relate life experiences in French through writing, class discussions, paired activities, and oral presentations. This year, knowledge already acquired will be consolidated, plus vocabulary and comprehension will be improved. Items from the target culture – classic stories and literature and cultural exploration.

For more information, please visit:

Building Student Success - B.C. Curriculum (gov.bc.ca)

SERVICE COURSES

LEADERSHIP 11 & 12 **Course Codes: YHRA-1A, YHRA-2A**

The Leadership 11 & 12 course is a year-long and/or semester course that aims to equip students with the fundamental social and organizational skills that are necessary to be effective leaders in a portion of the school community. This course offers an exploration of leadership theory, introduces simple classroom-oriented practice, and then asks students to take up leadership roles in the school where they support athletic events, peer teach in various classrooms, and/or start/serve in a community project.

This course will begin on the first day of school. All students who enroll in this course will undergo training exercises on this day and then be expected to complete simple written, spoken and skill-based exercises. Students will then choose their placements at the end of this first day. Subsequent training days will be held at mid-points during the semester, and semester breaks. The duration of this course will depend on the student's chose path.

Once students have chosen their path, assessments, expectations, and curricula will vary based on their chosen path.

Arts and Applied Skills Community Service 11 & 12 **Course Codes: YCPM1D, YIPS2B**

Prerequisite: Consultation with a specialized skill-based teacher/administrator and counsellor

Technical skill work is open to Grade 11 and 12 students. This course requires students to have background information in a particular skill area such as, art, woodshop, music, or drama. Technical skill work is a practical course in which students work directly with teachers or administrators through a semester to assist that person in accomplishing their tasks. This course provides students an opportunity to develop their skills in a specialized area under the supervision of a content area expert. Enrollment in this course is restricted. Students who hope to take this course must first consult with their content area expert to gain written approval for enrollment.

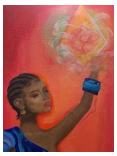
VSB DISTRICT COURSES

2025-26

Calling ALL VSB students! Did you know that there are DISTRICT COURSES that are open to all students? They happen once a week after school (in person), go on many field trips, have interesting guest speakers, online activities and more! These are courses with **UNIQUE** curriculum that are recommended for Grades 11/12.

Register for the Informational Session on **February 26, 2025 @ 5:30 PM** (virtual) for more details! LINK

bit.ly/3DoNNBo



History of African Descent in BC 12

AD 12 Artwork by Lily Hayes
(Grad 2023, Vancouver Technical Secondary)

History of African Descent in BC 12 (Course Code YSSC-2A)	**Queer & Trans History of BC 12** (Course Code YSSC-2B)
Course Description: African-Canadian history is Canadian history. This course aims to offer a comprehensive history of people of African descent in B.C. through an Afrocentric lens. The objective of this course is for all students to have the opportunity to learn about the heritage and past experiences of the Black Canadian community which will help to foster cross cultural understanding and appreciation. Topics will span ancient African empires through the Transatlantic slave trade, the civil rights era, contemporary culture and beyond into Afrofuturism. Throughout the course there will be a celebration of the achievements as well as the artistic, scientific, social and political contributions of the African diaspora, both in the past and in the present.	**Course Description:** This year-long course explores how gender identity, expression and sexual orientation diversity have influenced social, economic, and political structures. We will examine past and current issues pertaining to 2SLGBTQIA+ communities locally and beyond. Local presenters and activities will be scheduled throughout the school year. Students will be asked to interpret, analyze and explain their understanding of the context of different pieces and events, and will be asked to complete a capstone inquiry project for a final presentation/celebration in June. Topics include Language & Identity, Expression & Political Shift, and Fostering a New Future, all with the objective of celebrating and deepening our understanding of the rich history of Queer & Trans people in what is now known as British Columbia.
What do we talk about? Black Culture, African empires, West Indian dialects…Beyoncé, AfroFuturism, Rest, James Brown, Maya Angelou, Art, Architecture, graphic novels, stomping the yard…the list goes on!	**What do we talk about?** Different identities, movements and people in 2SLGBTQIAP+ history. We'll look at language, dance, music, and more!
Why do we talk about it? To center Black Joy, Resilience and Achievements	**Why do we talk about it?** To center Trans and Queer Joy, Resilience and Achievements
What do we do? Field trips and guest speakers, project- based learning, online dialoguing and seminars.	**What do we do?** Field trips and guest speakers, project- based learning, online dialoguing and seminars.
Resources: Hear more from students! Round Table Discussion with Wayde Compton (youtube.com) https://youtu.be/Xsx4hZPmq5A?si=N Tc_UiRDD_ssdxOu	**Resources:** More information: https://www.youtube.com/watch?v=OL_EJY- CmEg

What does it take? A keen interest in history, a desire to connect with students across the district, commitment to showing up to class.

The Fine Print:

- These courses count as an elective
- It is open to all grade 11 and 12 students in the district, so if you have friends at other schools, you can all take the course together!

Register for either of these courses by talking to your school counsellor!

Youth TRAIN in Trades Programs

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

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

For more information and to download an application form, please visit the VSB Career Programs website – careerprograms.vsb.bc.ca. The site includes links to Youth TRAIN in Trades information, a PDF brochure for each program, and the application package. For additional detailed information about more than 100 regulated skilled trades and endorsements, visit the Skilled Trades BC website – skilledtradesbc.ca.

All students applying for Youth TRAIN in Trades programs should register at their home school with a full course load. The Career Programs team will work with schools to accommodate any necessary changes to a student's timetable if the student is accepted into a Youth TRAIN in Trades program.

Successful completion of a Youth TRAIN in Trades program will earn Level 1 technical training credential or a Certificate of Completion from Skilled Trades BC and leads to either a Red Seal endorsement or Certificate of Qualification in a specific skilled trade.

The following is a list of programs commonly available through Career Programs. Please contact Career Programs directly to determine if Career Programs can accommodate students interested in other trades.

Program	Training Program Institution	Graduation Credits Earned	Standard Class Schedule	Application Due	Program Start Month(s)
Aircraft Maintenance Engineer – M license	BCIT	16	Mon–Fri	March 1	August January
Auto Collision and Refinishing	VCC	32	Mon–Fri	March 1	September February
Auto Service Technician	Britannia	20	Mon–Fri, Semester 2	March 1	February
Baking and Pastry Arts	VCC	24	Mon–Thurs afternoon/evening	December 1	July
Carpentry	BCIT	20	Mon–Fri	March 1	July February
Cook	VCC	28	Mon–Thurs	March 1	Various
Electrical	BCIT	24	Mon–Fri	March 1	August October February March
Hairdressing	VCC	48	Mon–Wed 8:00am – 6:00pm	March 1	September
Heavy Mechanical Trades	VCC	28	Mon–Thurs	March 1	Various
Millwright	BCIT	20	Mon–Fri	March 1	September February
Motorcycle Technician	BCIT	20	Mon–Fri	March 1	September February
Metal Fabrication	BCIT	20	Mon–Fri	March 1	February
Painting & Decorating	Finishing Trades Institute of BC	4	Mon–Fri	March 1	June
Plumbing or Sprinkler Fitting	Piping Industry College of BC	8	Mon–Fri	December 1	June

Youth WORK in Trades - Apprenticeship

Students with the required skills, aptitude and connections can start an apprenticeship in high school. Students who are already working or interested in working in a skilled trade can formalize the apprenticeship relationship with their employer. While not all trades are a good fit for work to start without any formal training, several trades allow a student to start a 'Direct Entry' apprenticeship first and follow-up with formal training several months into the apprenticeship.

Students interested in a referral to a potential employer can contact Career Programs for support, construction safety training, and/or assistance with the apprenticeship process.

There are 4 courses (16 credits) available to students whose apprenticeship is registered with Skilled Trades BC by the school district. Enrollment in these courses is required, and coursework is delivered using the Brightspace (VLN) platform. Enrollment and registration are done in collaboration with Career Programs staff.

Information and application forms are available on the VSB Career Programs website at careerprograms.vsb.bc.ca ® Our Programs ® Youth WORK in Trades

Youth EXPLORE Trades Sampler – Tupper Tech

Tupper Tech is an exploratory skilled trades program designed for Grade 12 students seeking a supported transition to full-time apprenticeship. Students in the program are introduced to several construction trades, provided with various forms of safety training, and employment readiness skills. This is a program for students who are seeking a more immediate pathway to start working in a skilled trade.

Students in the Tupper Tech program remain attached to their home school for the purpose of graduation but are enrolled in their classes at Sir Charles Tupper Secondary School. In addition to elective credits, students will be enrolled in CLC/Capstone 12 and English First Peoples 12.

For more information or to obtain an application, please visit the VSB Career Programs website. Students interested in applying for the program could benefit from contacting Mr. Joseph Hamilton, the teacher for the Tupper Tech program – jphamilton@vsb.bc.ca or 604-713-8233.

Dual Credit Programs

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

Early Childhood Educator

This career path involves working with young children from birth to age five. Early Childhood Educators design and deliver educational programs to support children's learning and growth. This program can lead to further studies earning a diploma or bachelor's degree in ECE.

Training Program Institution – Langara College
Program length – 8 months
Graduation credits earned – 32
Application Due Date – March 1
Program Start Month – September

Additional information and application form can be found on the VSB Career Programs website at careerprograms.vsb.bc.ca ® Our Programs ® Early Childhood Educator

Healthcare Assistant

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

Training Program Institution – Vancouver Community College
Program length – 28 weeks (September to April)
Graduation credits earned – 28
Application Due Date – March 1
Program Start Month – September

Additional information and application form can be found on the VSB Career Programs website at careerprograms.vsb.bc.ca ® Our Programs ® Healthcare Assistant

School-based Programs

IT and CISCO Networking Program – Killarney Secondary

Students will diversify and enhance their computer knowledge by building a computer, installing software and connecting the computer to networks and to the internet. This hands-on program takes place in a computer lab space. Students can opt to complete industry-recognized certification exams during the program.

Program Length – Semester 2 of grade 12
Graduation credits earned – 16 credits
Application Due Date – March 1
Program Start Month – February

Additional information and application form can be found on the VSB Career Programs website at careerprograms.vsb.bc.ca ® Our Programs ® CISCO