

# Grade 11/12

2026-  
2027



QUEEN ELIZABETH  
SECONDARY SCHOOL

# Course Handbook

Queen Elizabeth Secondary School

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# Grade 11/12 Plan

## Course List

### Required Courses:

English 11 (4 credits)

English 12 (4 credits)

Mathematics 11/12 (4 credits)

Science 11/12 (4 credits)

Social Studies 11/12 (4 credits)

Career Education (4 credits)

Indigenous Focused (4 credits)

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Literacy 12 Graduation Assessment

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Grade 11 – 3 to 5 electives

Grade 12 – 6 to 8 electives

For more detailed information on Graduation Requirements, please refer to  
the [B.C. Graduation Policy Guide](#).

### Graduation Reminder

As you prepare for graduation, it is important to ensure that you are registered in all required courses needed to meet the **B.C. Graduation Program** requirements. In addition, students should carefully review the **admission requirements** for their intended post-secondary pathway, whether that is university, college, apprenticeship, or direct entry into the workforce. Choosing the appropriate courses now will help ensure a successful transition after high school. Students who have questions about graduation requirements or post-secondary planning are encouraged to meet with a school counsellor as soon as possible.



# Grade 11/12 Plan

## Course Descriptions

### English 11

The major goal of English 11 is to provide learning strategies around the three core competencies of thinking, communicating, and personal/social learning. Through the integration of reading, writing, oral communication, viewing, and representing. English 11 is designed to develop students' language arts skills and to enhance their appreciation of literature and language, including First Peoples Principles of Learning. The activities and resources are selected to appeal to a range of interests and abilities and to foster inquiry, curiosity, and thoughtful reflection connected to the curricular competencies and "Big Ideas" of the grade 11 curriculum.

Students must choose at least **ONE** of the following courses to complete their English Language Arts requirement for Grade 11.

#### **1) Composition 11 (4 credits)**

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

#### **2) Creative Writing 11 (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.

#### **3) New Media 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 centered on students' interests, needs, and abilities, while at the same time allowing for a range of local delivery methods. New Media 11 recognizes that digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording numerous opportunities to demonstrate understanding and communicate increasingly sophisticated ideas through a wide variety of digital and print media.



## Required Courses ▪ Grade 11/12

### English 11 cont.

#### **4) Literary Studies 11 (4 credits)**

Literary Studies 11 allows students to delve deeply into contemporary literature. Students will explore specific themes through literary works (fiction and non-fiction) in a variety of genres and media. Giving students the choice of a range of literary topics allows them to follow their passion while increasing their literacy skills, enhancing their expressive and receptive competencies, broadening their understanding of themselves and the world, and developing higher-level critical thinking skills.

### English 12

#### **English First Peoples 12 (4 credits)**

English First Peoples 12 builds on the literacy and critical thinking skills of grade 11 English and focuses on the experiences, values, beliefs, lived realities, and authentic voices of First Peoples as evidenced in various forms of text, including oral traditions, speech, poetry, dramatic work, song, film, and prose (fiction and non-fiction). The course is designed for all students, Indigenous and non-Indigenous, and is grounded in the First Peoples Principles of learning and the process of Reconciliation. The activities and resources are selected to appeal to a range of interests and abilities and to foster inquiry, curiosity, and thoughtful reflection connected to the curricular competencies, core competencies, and Big Ideas of the EFP12 curriculum:

- ❖ The exploration of text and story deepens understanding of one's identity, others, and the world.
- ❖ Oral and other texts are socially, culturally, geographically, and historically constructed.
- ❖ Voice is powerful and evocative.
- ❖ First Peoples texts and stories provide insight into keys aspects of Canada's past, present and future.
- ❖ Self-representation through authentic First Peoples text is a means to foster justice.
- ❖ First Peoples voices and texts play a role within the process of Reconciliation.

\*To meet graduation requirements, all students must successfully complete English First Peoples 12.



## Required Courses ▪ Grade 11/12

### Mathematics 11/12

#### **Workplace Mathematics 11 (4 credits)**

Entry into this course requires a recommendation from the student's Grade 10 Math teacher.

Workplace Mathematics 11 satisfies the graduation requirement for a math course at the Grade 11 level.

Content in this pathway was chosen to meet the needs of students intending to pursue careers in the trades, some programs in colleges, and general workplace.

The 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

**\*Prerequisite: Workplace Math 10 or Foundations of Math and Pre-Calculus 10**

#### **Foundations of Mathematics 11 (4 credits)**

Entry into this course requires a recommendation from the student's Foundations of Math & Pre-Calculus 10 teacher. Foundations of Mathematics 11 is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary studies in programs such as Economics, Languages, History, Humanities, and Communications; programs that do not require the study of theoretical calculus. Students must verify admission requirements for specific programs at post-secondary institutions.

The topics include:

- ❖ forms of mathematical reasoning
- ❖ angle relationships
- ❖ graphical analysis: linear inequalities, quadratic
- ❖ functions, systems of equations, and optimizations
- ❖ applications of statistics
- ❖ scale models
- ❖ financial literacy: compound interest, investments and loans

**\*Prerequisite: Foundations Math and Pre-Calculus 10 and teacher's recommendation**

## Required Courses ▪ Grade 11/12

### Mathematics 11/12 cont.

#### **Pre-Calculus 11 (4 credits)**

Entry into this course requires a recommendation from the student's Foundations of Math & Pre-Calculus 10 teacher. Pre-Calculus 11 is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus, such as Math, Chemistry, Physics, Biology, Technology, or Engineering.

The 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

Pre-Calculus 11 students are encouraged to participate in the Cayley Mathematics Contest which is held in February.

**\*Prerequisite: Good standing in Foundations of Math and Pre-Calculus 10 and teacher's recommendation**

#### **Foundations of Mathematics 12 (4 credits)**

Entry into this course requires a recommendation from the student's Foundations of Math 11 or Pre-Calculus 11 teacher. Foundations of Mathematics 12 is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary studies in programs such as Economics, Languages, History, Humanities, and Communications: programs that do not require the study of theoretical calculus. Some programs in post-secondary may require Foundations of Math 12. Students must verify admission requirements for specific programs at post-secondary institutions.

The topics include:

- ❖ geometric explorations: constructions, conics, and fractals
- ❖ graphical representations of polynomial, logarithmic, exponential, and sinusoidal functions
- ❖ regression analysis
- ❖ combinatorics
- ❖ odds, probability, and expected value
- ❖ financial planning

**\*Prerequisite: Foundations of Math 11 or Pre-Calculus 11**



## Required Courses ▪ Grade 11/12

### Mathematics 11/12 cont.

#### **Pre-Calculus 12 (4 credits)**

Entry into this course requires a recommendation from the student's Pre-Calculus 11 teacher. Pre-Calculus 12 is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus, such as Math, Chemistry, Physics, Biology, Technology, or Engineering.

The 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

PreC12 students are encouraged to participate in the Euclid Mathematics Contest which is held in April.

#### **\*Prerequisite: Good standing in Pre-Calculus 11**

#### **Pre-Calculus & Calculus 12 (8 Credits)**

Entry into this course requires a recommendation from the student's Pre-Calculus 11 teacher.

This course combines Pre-Calculus 12 & Calculus 12 in a year-long format to prepare students for students who are intending to study math, engineering, commerce, or applied sciences at university. This course provides a solid foundation in Calculus and serves as an excellent preparatory course for university math and is important for students planning to take Math, Chemistry, Physics, Biology, Technology, or Engineering. Due to the high level of difficulty & intensive nature of this course, students must have a strong working knowledge of the concepts studied in Foundations of Math & Pre-Calculus 10 and Pre-Calculus 11 and must be willing to devote a serious amount of time for study daily, both in & out of class.

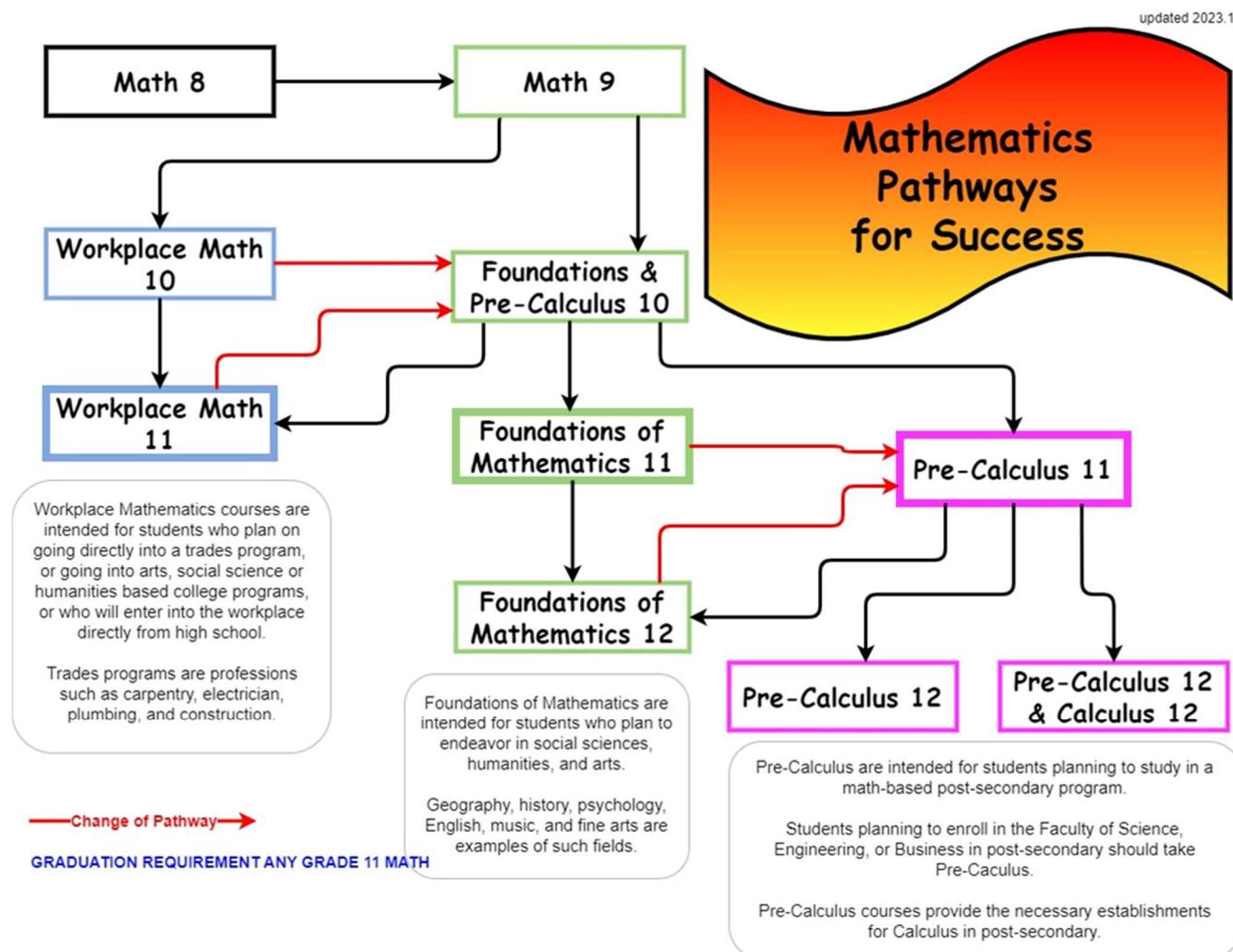
The topics include Pre-Calculus 12 topics and:

- ❖ functions and graphs
- ❖ limits: left and right limits, limits to infinity, and
- ❖ continuity
- ❖ differentiation: rate of change, differentiation rules, higher order, implicit and applications
- ❖ integration: approximations, fundamental theorem of calculus, methods of integration, and applications

PreC-Calc12 students are encouraged to participate in the *Euclid Mathematics Contest* which is held in April.

#### **\*Prerequisite: Good standing in Pre-Calculus 11 and teacher's recommendation**

## Required Courses ▪ Grade 11/12





## Required Courses ▪ Grade 11/12

### Science 11/12

#### **Chemistry 11 (4 credits)**

Students will review and add to their understanding of the Chemistry covered in junior science courses. In addition, they will study new topics, such as the mole concept, chemical reactions, solution chemistry and organic chemistry. Students who choose this course need to be aware that the course involves a considerable amount of mathematics, and a working knowledge of algebra is essential.

**Recommended: A mark of 70% or higher in Science 10 and Math 10 Pre-Calculus as a pre-requisite.**

#### **Earth Science 11 (4 credits)**

A senior science graduation credit that aims to answer many of the questions, “why” as you move amongst your environment throughout your life. As opportunities arise local and current knowledge will be emphasized so students can connect and best understand their local surroundings. Students will study the earth as a system using a variety of lenses and equipment including a first people’s perspective and remote sensing. The following topics will be addressed:

- ❖ Geology – minerals and rocks, mining/resources, plate tectonics, earthquakes, volcanoes, weathering and land
- ❖ Erosion Meteorology – the atmosphere, air pressure, winds, air masses, weather fronts, weather forecasting and climate change Oceanography – properties of ocean water, the ocean floor, ocean currents and the hydrologic cycle.
- ❖ Astronomy – formation of the solar system, impacts of the Earth-moon-sun system and application of space technologies to study changes to Earth and its systems

Pairs with Geography 12 to offer a major field study each year to either Mt. St. Helens or Vancouver Island on alternating years. Students are encouraged to take each class in both of their senior high school years and participate in these unique field study opportunities.

#### **Life Science 11 (4 credits)**

This class explores the origin story of life. People living in harmony with the natural world understand the characteristics that all living things share. This course will help you identify what you share with the Red Cedar, the Bear and the Wolf. Understanding change in organisms over time within Indigenous Science will help you gain a greater understanding of the concepts involved in evolution. This class surveys how all life on the planet is organized using taxonomy which will help identify your place in the world today. **Reading, vocabulary memorization and argumentative writing are a large part of the necessary work in this class.**

#### **Physics 11 (4 credits)**

An introductory course concentrating on mathematical skills that focuses on the principles and theories of physics, encourages investigation of physical relationships, and illustrates the relationship between theory and application. The following topics are investigated: Wave Motion and Sound, Kinematics; Dynamics; Energy; Potential and Kinetic Energy and Relativity Theory. This is a math intensive course using “solving for (x) as a mechanism to solve physics related problems. This is also a project-based course where students are encouraged to develop hands-on project skills, showing practical application of the theories studied.

**\*Recommended: A mark of 70% or higher in Science 10 and Math 10 Pre-Calculus as a pre-requisite.**



## Required Courses ▪ Grade 11/12

### Science 11/12 cont.

#### **Physics 11 Honors**

A course designed for those students who want a challenging program and would like to advance some of the topics covered in Physics 12. This course covers the Physics 11 program but at a faster pace and more in-depth. The course is conducted using inquiry-based instructional strategies that focus on experimentation, hands-on projects and making observations about the physical world.

**\*Recommended: A mark of 73% or higher in Science 10 and Math 10 Pre-Calculus as a pre-requisite.**

#### **Anatomy & Physiology 12 (4 credits)**

Concentrates on Cell Biology and role of DNA, Human Anatomy Organization, and Homeostatic control in the Human body. Students will be expected to continue to apply the curricular competencies of Communicating, Evaluating, Processing & Analyzing Data, and Applying and Innovating through several major experimental designs and investigations.

This course contains a great deal of information and students must have **strong memorization** and recommended that student completes **BOTH** Life Sciences 11 and Chemistry 11 (with a 67% or higher final mark) as a pre-requisite before taking this course.

#### **Chemistry 12 (4 credits)**

Involves the study of: Reaction Kinetics, Equilibrium, Solubility of Ionic Substances, Acids, Bases and Salts and Oxidation/Reduction Reactions. These topics will involve the students in more advanced lab work, extensive use of mathematics, applications of science knowledge and critical thinking.

**\*Recommend: Students achieve a minimum of 70% in Chemistry 11 before taking Chemistry 12 and a 70% in Pre-Calculus 11 as a pre-requisite.**

#### **Physics 12 (4 credits)**

An advanced course for those who plan to continue studying science at a post-secondary institution. Physics 12 concentrates heavily on mathematical skills. This course will help students develop analytical, experimental and problem-solving skills. The following topics will be studied: Vector Kinematics in Two Dimensions; Dynamics; Vector Dynamics; Work, Energy, and Power; Momentum; Equilibrium; Curricular Motion; Gravitation; Electrostatics; Electric Circuits; Electromagnetism.

**\*Recommended: Physics 11 as a pre-requisite because you need to already know and understand the skills taught in Physics 11 to complete problems in Physics 12.**

#### **Physics 12 Honors**

This course continues what is studied in Physics 11 Honours, and offers advanced topics normally covered during first year university. There is a focus in developing research projects, and experiments at university level. If you like a challenging learning environment, and are interested in physics, engineering, computer science, or medical careers, this course is for you.

**\*Recommended: Physics 11 Honors with B or better.**

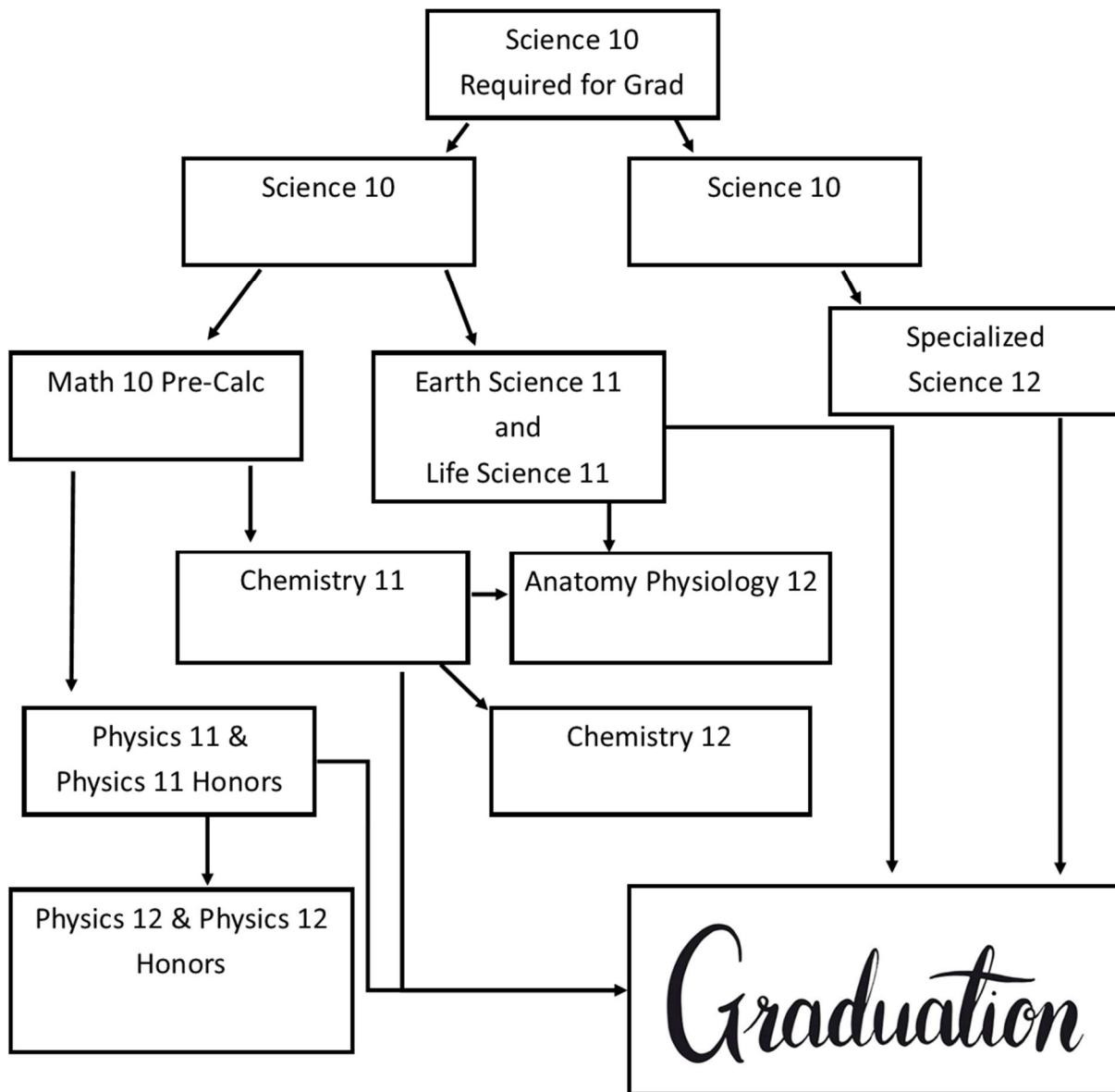
## Required Courses ▪ Grade 11/12

### Science 11/12 cont.

#### **Specialized Science 12 (4 credits)**

The knowledge of science opens the door to tomorrow. This course will introduce you to many different disciplines of science such as Environmental and Earth Science, Physics, Biology and Chemistry. What is different about this course is you will be learning about these subjects from an applied perspective. As an example, have you ever wondered how climate change effects our health or how Earth's rock layers affect how we construct buildings today?

This course consists of real-life science for real life experiences, and you will help steer which topics you want to study.





## Required Courses ▪ Grade 11/12

### Social Studies 11/12

#### **20th Century World History 12 (4 credits)**

20th Century World History is a course in which students will build upon the content, inquiry methods and historical thinking skills learned in Social Studies 9-10 to learn about the significant moments between 1919 and Present Day from an international affairs perspective. This is a perfect class for any student wishing to study in the Faculty of Arts at post- secondary as it will help students identify global trends and continue to develop academic writing skills. Topics include: the Paris Peace Conference, growth of totalitarian regimes, World War Two, the Cold War, fall of the Soviet Union, technological change, post-war nationalism and human rights.

#### **Contemporary Indigenous Studies 12 (4 credits)**

This course begins with a thorough historical analysis based on the events from Christopher Columbus, through to the present circumstances in Canada and North America. The course will recognize the consequences and various actions taken throughout history, and their resulting implications in today's efforts towards truth, healing, and reconciliation. Current global movements will be examined to better understand the continued efforts towards rights and self- determination.

\*Fulfils Indigenous-Focused Grad Requirement for 2024 onwards.

#### **Economic Theory 12 (4 credits)**

Economics Theory is the study of how human groups act on their needs and wants. The physical world provides resources for life, and societies build economies to try to acquire, make and distribute these resources. We will play a stock market fantasy game and have a wealth disparity field trip downtown. This course examines economic theories from market to command systems. Such systems usually have a political justification and an economic reality. These differences will be the basis of an inquiry project on the history of one economic sector in one country. We will look at the principle of fairness related to wealth concentration, poverty, social stability and safety. Famous thinkers we meet are Plato, Smith, Ricardo, Marx, Keynes and Friedman. We will also survey pure competition, monopolies, and oligopolies.

#### **Genocide Studies 12 (4 credits)**

Have you ever wondered how groups of humans can kill other groups because of their identity? Genocide Studies 12 is a course in which students learn about various genocides around the world to understand the factors that contribute to genocidal events. Some of possible units we study are the Holocaust, North and South American Genocides, the Holodomor, the Rwandan Genocide, the Killing Fields of Cambodia, the 1984 Sikh Genocide and current genocides in the twenty-first century. Some of the topics that will be covered include the causes/psychology of mass murder, responses to genocide, resistance, denial, and methods of remembering various genocides from around the world. This class will investigate theories of membership and prepare students to be social advocates. This course is a perfect class for any student interested in a cross-curricular look at history as we bring in ideas from psychology, sociology, political science, economics, and literature to help better understand genocide. This course will endeavor to prepare students for entry into a First Year Faculty of Arts program at a college or university level.

## Required Courses ▪ Grade 11/12

### Social Studies 11/12 cont.

#### **Law Studies 12 (4 credits)**

If you've ever wanted to know more about our legal system, the Law program will serve as your introduction. We study many aspects of Canadian law and incorporate current legal issues into the course to make this course as up-to-date and informative as possible. The main legal subjects covered include The Charter of Rights and Freedoms, the History and Structure of Law, Criminal Law (including the Youth Criminal Justice Act) and Civil Law. In addition to learning the content, students will be expected to think critically, analyze current events as they relate to the Criminal Code, and discuss controversial issues in small and large groups. This course will endeavour to prepare students for entry into a First Year Faculty of Arts program at a college or university level.

#### **Physical Geography 12 (4 credits)**

Students in this course will improve their understanding of weather and climate, plate tectonics, natural disasters, mapping, climate change and erosional landscapes. This course will provide opportunities through an overnight field trip, place-based learning, inquiry, and research projects. Students will learn how landscapes are formed and the processes continuing to shape them. We will examine human and environment interactions, including how humans affect and are affected by the natural environment. This course will endeavour to prepare students for entry into a First Year Faculty of Arts program at a college or university level. This is a course for people interested in careers in environmental sciences, geology, aviation, forestry, conservation, oil and gas, parks or tourism.

#### **Social Justice 12 (4 credits)**

Social Justice 12 is a course which will use inquiry processes and skills to ask questions, gather, interpret, and analyze ideas, and then communicate findings and decisions. Beginning with a study of 4 Key Ethical Perspectives reasoned ethical judgements about current and historical events will be made. This course will endeavour to prepare students for entry into a First Year Faculty of Arts program at a college or university level. A variety of terms and case studies will be examined throughout the course.





# Required Courses ▪ Grade 11/12

## Careers 11/12

### **Career-Life Connections 12 (4 credits)**

CLC12 is a full semester course required for graduation and may be delivered in a hybrid format. Students may take this class in grade 11 or grade 12. CLC12 builds on the knowledge and planning students completed in CLE10 but with a more refined focus on transitioning out of high school and into adulthood. Units covered include identity, employability skills, financial planning for life, career pathways, and post-secondary programming. CLC12 also includes a mandatory Capstone project where students research and present on an area of passion whilst demonstrating the core competencies they have built over their k-12 education.

### **Co-Op Program**

Senior students may apply to join the QE Co-Op Program. Co-Op is targeted towards grade 11s but may be taken in grade 12. Co-Ops consist of themed course work, CLC12, and Work Experience 12. Students are expected to have excellent attendance, a strong work ethic, and a passion for the subject matter. Participating in Co-Op can help develop one's time management skills, strengthen job applications, and prepare you for post-secondary and/or a career. Co-Op applications will be available in the Career Centre (room A150) during spring course selection.

The Co-Ops being offered in the 2026-27 school year are:

<p><b>1. Automotive Co-Op (24 credits)</b></p> <p>Automotive Technology 12 Engine and Drive Train 12 Machining and Welding 12 Career-Life Connections 12 Work Experience 12A Work Experience 12B</p>	<p><b>4. Robotics Co-Op (20 credits)</b></p> <p>Drafting 11 Electronics 11 Chemistry 11 Career-Life Connections 12 Work Experience 12A</p>
<p><b>2. Business Co-Op (12 credits)</b></p> <p>Entrepreneurship 12 Career-Life Connections 12 Work Experience 12A</p>	<p><b>5. Science Co-Op (20 credits)</b></p> <p>Chemistry 11 Laboratory Technology 12 Physics 11 Career-Life Connections 12 Work Experience 12A</p>
<p><b>3. Humanities Co-Op (20 credits)</b></p> <p>Composition 11 Explorations in Social Studies 11 Political Studies 12 Career-Life Connections 12 Work Experience 12A</p>	

Please note: Work Experience 12 includes 100 hours of unpaid work during a specifically scheduled set of dates. Due to the accelerated nature of the classes and the weeks spent on Work Experience, students **must** be present for the entire semester in which their Co-Op is scheduled.



## Elective Courses ■ Grade 11/12

### 🎓 Elective Courses (Grade 11 & Grade 12) — BC Ministry of Education

In British Columbia's Graduation Program, elective courses are any courses **beyond the required provincially mandated credits** that contribute toward the **minimum 80 credits** needed to earn a **BC Certificate of Graduation (Dogwood Diploma)**. Students must complete **at least 28 elective credits** drawn from Ministry-authorized courses, Board/Authority Authorized (BAA) courses, external credentials, independent directed studies, or post-secondary dual credits. Once a student has met the required course credits (such as Language Arts, Mathematics, Science, Social Studies, Physical & Health Education, Career Life Education/Connections), **additional courses in any subject area (including academic courses beyond minimum requirements)** count as electives. Electives may include a broad range of senior secondary courses such as digital media, languages, business education, fine arts, applied design & skills and technologies, and more.

In senior years (Grades 11 and 12), students often choose electives that support their **personal interests, career pathways, or post-secondary goals**.

❖ **Elective credits can come from:** Ministry-developed courses, external credentials, post-secondary courses, or independent studies — helping students tailor their learning while fulfilling graduation requirements.

❖ **Ministerial graduation policy requires:**

- **A minimum of 28 elective credits** toward graduation.
- At least **16 Grade 12 level credits**, including the required Grade 12 Language Arts course and other Grade 12 courses — which may be electives beyond core requirements.

## Business Education

### Accounting 11 (4 credit)

This course introduces basic accounting concepts—a system to record and summarize financial events. Students will learn how to organize data using manual methods to record, post and summarize transactions, and prepare financial statements and reports. Students learn to create balance sheets, ledgers, income statements, journaling and posting transactions. Students will also be required to interpret financial statements and predict what changes may occur to affect the financial positions of a company. Students learn how to do their own tax returns in this course as well.

### Marketing 11 (4 credit)

A practical, activity-based course providing students with opportunities of examining the nature and role of marketing in local and global contexts as well as from a consumer perspective. Students will be encouraged to learn how marketing helps businesses determine and meet customer needs (marketing research); how businesses offer, promote and deliver products (promotions and pricing), how to develop ethical and effective ways to meet consumer needs (products), and explore the nature of the world's economy. Students who take this course will have opportunity to create their own business plan and participate in QE version of Dragon's Den.

### Entrepreneurship 12 (4 credit)

Students will discover the meaning of entrepreneurship and identify characteristics and skills demonstrated by entrepreneurs. They will research a variety of entrepreneurs and analyze their own entrepreneurial strengths and skills. They will study the different forms of business entities, how to begin a business, operate a business and create a business plan. Important areas covered in the setting up and operation of a small business includes planning, organizing, controlling, strengths and weaknesses, site location, financing, human resources, promotion and innovation. Guest speakers will be invited to speak about their businesses. Students will have a chance to create their own Student Venture in this class.

## Elective Courses ▪ Grade 11/12

### Business Education cont.

#### Computer Programming 11/12 (4 credits)

Software developer and programmer are two exciting careers now available in the field of computer science. Who knows what the future will bring? Who will be developing computer games in 2024? This course is designed for students who have no programming experience but have an interest in computer science. Students begin the process of describing, analyzing, and solving programming problems. This course introduces the fundamental principles of structured programming, within the context of an object-oriented language. The emphasis for this course involves relating the syntax and concepts of programming to HTML, Java, Ruby, Python and more. We will explore the concepts behind block programming used to program robots and to design games. Basic computer skills are recommended as a pre-requisite.

### English

#### Literary Studies 12 (4 credits)

In addition to English First Peoples 12, students can take Literary Studies 12, a course that allows students to delve more deeply into literature and explore the history of English literature—themes, periods, authors, and areas of the world—through a variety of literary works. Literary Studies 12 also includes modern and diverse selections and increased opportunities for students to explore areas of literature about which they are passionate. This course is designed for all students who love literature and is an ideal steppingstone for students preparing for post-secondary English courses and Faculty of Arts programs. As former QE teacher and legend Fred Calhoun was fond of saying, “Literary Studies 12 is the best course available in the high school curriculum and should be taken by everyone who wishes to be considered educated.”

### Fine Arts and Visual Arts

#### Art Foundations 11 (4 credits)

This course is designed for both the student who has taken art courses before and for those who haven't. Students will be encouraged and supported in finding their own style at the same time as learning the skills and techniques that professional artists use.

For the student intending to pursue post-secondary education in art, individual support for portfolio development and photo documentation will begin. Students will have the opportunity to participate in field trips, exhibitions in the school and in the community and produce a major artwork that will be left in the school collection.





## Elective Courses ▪ Grade 11/12

### Fine Arts and Visual Arts cont.

#### Art Foundations 12 (4 credits)

This course is designed either for the student wishing to continue their learning from previous grades or students who want to develop new skills and interests. Students will be given support to develop or advance their art practice and learn to use materials to express their own ideas in drawing, painting, ceramics and print making. This class is ideal for any student that does not have an extensive background in art. Support will be given to develop beginner skills and introduce unfamiliar concepts and ideas.

#### Band 11/12 (Instrumental Music) (4 credits)

This group studies and performs a variety of music, including pop, jazz, and rock. Each year, the group performs at concerts and festivals. Special emphasis is placed on developing improvisation skills, ensemble playing, forming small bands called “ combos”, building of self-esteem and achieving a very high level of playing skill and musicianship.

#### Dance (Advanced) 11/12 (4 credits)

This course is for students who are serious about dance. Students will continue to deepen their knowledge of Hip Hop, Jazz and Contemporary dance as well as exploring other genres of personal interest. Intense daily warm-ups will challenge students to push their endurance and strength to the next level. The course is intended for mainly senior students due to the high level of expected maturity, dedication and commitment to their group. This class will be working on their leadership qualities by teaching and working with other students as well as being role models to the younger dancers in the school. There will be a wide opportunity for advanced dance students to perform, including QinEsthetics semester end show, Surrey Schools Dance Festival and BreakOut/OutBreak dance competitions. The advanced class also may receive field trip opportunities to explore other dance communities and choreographers.

**\*Prerequisite: Dance 9 or teacher approval**

#### Dance (Intermediate) 11 (4 credits)

Students will delve more deeply into the intricacies of each genre. The program will include guest instructors for cultural dance and specific types of dances (i.e. Bboy, Pop, Lock, Krump, Groove etc.). You will work on group choreography projects as well as dance the choreography of others (i.e.: teacher, guest, peers). Performance opportunities include lunchtime shows, elementary school shows, semester end showcase called QinEsthetics, Surrey Schools Dance Festival as well as Outbreak which is a Surrey hip hop dance competition

This class is perfect for students who have enjoyed dance previously and are ready for more performance opportunities. Often students who have had experience performing in front of others have increased self-confidence.



## Elective Courses ▪ Grade 11/12

### Fine Arts and Visual Arts cont.

#### Dance Company 11/12 (4 credits)

Dance Company prepares for and participates in many performance opportunities and competitions throughout the year, including performing for events in our school and in our community. Dance Company 10/11/12 is a provincially recognized course. Students would be enrolled in this course, and the curriculum would be followed. Acceptance into this course is based on skill level. This allows exceptional dance students at Queen Elizabeth the chance to challenge themselves and work at an advanced level. It also offers great leadership opportunities and community building between grades. This helps keep our dance program and community strong. There are currently three dance groups running this year that are enrolled in Dance Company: Junior Hip Hop, Senior Hip Hop, and the Contemporary team. Students at Queen Elizabeth are training hard every week throughout the year and are greatly benefiting by being part of their teams.

**Audition Required. Please talk to your teacher.**

#### Guitar 11/12 (4 credits)

Senior guitar classes are intended for senior students who enjoy music and would like to develop their guitar playing ability. Students who have taken Guitar 9 and/or Guitar 10 will likely be progressing onto book 3 and developing some high-level skills if they feel ready for the challenge.

Rationale: Regular playing of music has been shown, through scientific study, to add joy to a person's quality of life. By learning some basic guitar skills, a student has the exposure and opportunity to enter this higher quality of life if they choose to continue. Recent studies at UBC claim that when BC high school students are actively involved in their school's Music program, all their work improves, even final exams in math and science!



## Elective Courses ▪ Grade 11/12

### Fine Arts and Visual Arts cont.

#### Media Arts 11 (Intermediate) (4 credits)

In this intermediate course, students will further develop their graphic portfolio with:

- ❖ Digital drawing (Photoshop or Procreate)
- ❖ Studio photography techniques
- ❖ Illustrator or vector illustration
- ❖ Digital photography/black and white photography
- ❖ High quality video productions

It is recommended students have taken Media Arts 9, 10 or Photography 10 prior to taking Media Arts 11

#### Media Arts 12 (4 credits)

Students will work individually, and self paced with teacher support to create a graphic portfolio in an area of interest while investigating possible post secondary areas of interest. This is a course for students who have experienced a broad variety of multimedia projects and who have an interest in deepening skills in a concentrated area of interest. Possible areas include:

- ❖ Digitally drawing (Photoshop or Procreate)
- ❖ Photography (Digital and darkroom)
- ❖ Illustrator (Vector illustration)
- ❖ Graphic Design
- ❖ Video Production

***Students who can not produce a portfolio individually within one of the above areas will follow the Intermediate Media Arts Curriculum. It is recommended students have taken a combination of Media Arts and Photography courses before taking Media Arts 12.***



## Elective Courses ▪ Grade 11/12

## Fine Arts and Visual Arts cont.

### Photography 11 (Intermediate) (4 credits)

In this course students will know, do and understand the following skills:

- ❖ Enhance digital photographs with Adobe Photoshop
- ❖ Take black and white and digital photographs
- ❖ Develop and print black and white photographs
- ❖ Use different formats of film (35mm and 120)
- ❖ Compose interesting photographs of all subject matter
- ❖ Use effective lighting for portrait and product photography
- ❖ Darkroom photography
- ❖ Display and present photographs effectively
- ❖ Start building an image portfolio of different styles of photography

**Media Arts 9, 10 or Photography 10 is recommended as a pre-requisite**

## Photography 12 (Advanced) (4 credits)

Students will have a chance to expand and explore their knowledge in the photographic medium and will be able to investigate post-secondary opportunities while creating a photography portfolio. Students who sign up for this class should be self-motivated and able to work independently or in small groups with the direction of the teacher. Possible topics to explore: Portrait photography, Nature photography, Street photography, Narrative photography, Documentary photography, Photojournalism, darkroom photography and Photo Manipulation. This course is for students who are very interested in photography only.

**Photography 11 is strongly recommended as a prerequisite.**



## Elective Courses ▪ Grade 11/12

### Fine Arts and Visual Arts cont.

#### **Studio Art 11/12-2D (Drawing & Painting) (4 credits)**

This course requires the following prerequisites: Art 9 and Art 10, or equivalent, and one senior foundations course is strongly recommended. Special consideration will be made for advanced Grade 10 students, with teacher permission. This course is designed for intermediate to advanced art students who are interested in immersing themselves in the media of drawing and painting and creating portfolios for post secondary art programs application requirements.

#### **Studio Art 11/12-3D (Ceramics & Sculpture) (4 credits)**

This course requires the following prerequisites: Art 9 and Art 10, or equivalent, and one senior foundations course is strongly recommended. Special consideration will be made for advanced Grade 10 students, with teacher permission. This course is designed for intermediate to advanced students who are interested in immersing themselves in the media of sculpture with an emphasis on clay and ceramics work. Experience using clay building techniques is required.

#### **Theatre Production 11/12 (4 credits)**

The focus on this course is on script writing, directing, and producing. The techniques of production and the role of the director will be examined. Emphasis is placed on the interpretive and leadership requirements of the director plus the script analysis abilities of the actors. Course work includes the essentials of script writing and the production of original work based on the imagination and values of the class.

#### **Yearbook 11/12 (4 credits)**

Students participate in all aspects of the production and completion of the yearbook. Students learn to use desktop publishing tools such as InDesign and Photoshop. Design skills are taught in conjunction with computer skills as the students put together a 176-page book. Yearbook students also take most of the photos, and photo composition. Digital editing is part of this course. Students who work well with others and who would enjoy putting together a quality book, that will capture people's imagination, are encouraged to take this course. Students who choose to apply for specific leadership positions will meet the instructor to discuss applications.

#### **WRITTEN APPLICATION REQUIRED TO TAKE THIS COURSE (See your counsellor)**



## Elective Courses ▪ Grade 11/12

### Home Economics

#### Culinary Arts 11 (Cafeteria)

This is an introductory course for students interested in food preparation. You will prepare large quantities of a variety of foods including sandwiches, salads, soups, desserts, and a daily entrée using a variety of vegetables, meats, poultry and fish using different cooking techniques. You will taste and eat the foods prepared in the cafeteria. You will have the opportunity to participate in some “in school” and “after school” catering. You will be trained to use commercial equipment, practicing Work Safe procedures and safe food handling practices. Students will have the opportunity to receive Food Safe Level 1 Certification. This is an excellent course to have on your resume if you wish to find work in a restaurant.

#### Culinary Arts 12 (Cafeteria)

This course is designed with greater in-depth training in all aspects of cooking emphasizing food presentation, nutrition, and menu and recipe development. Students will develop a good work ethic and leadership skills. You will prepare large quantities of a variety of foods including sandwiches, salads, soups, desserts, and a daily entrée using a variety of vegetables, meats, poultry and fish using different cooking techniques. You will taste and eat the foods prepared in the cafeteria. You will have the opportunity to participate in some “in school” and “after school” catering. You will be trained to use commercial equipment, practicing Work Safe Procedures and Safe Food Handling Practices. Students will have the opportunity to receive Food Safe Level 1 Certification. This is an excellent course to have on your resume if you wish to find work in a restaurant.

#### Food Studies 11

This course is designed for students with basic food skills and is also suitable for both experienced and inexperienced cooks. Students will learn the basics of food preparation and/or expand on them. They will also learn about the development and modification of recipe components and ingredients. Students interested in advancing and continuing in the field of culinary arts or strengthening their food preparation skills for home cooking need this course. Students will build on their knowledge through challenging practical labs and theoretical application.

#### Food Studies 12

Students will take their food preparation skills to new levels in Food Studies 12. Emphasis is on the ability to use advanced knowledge and skills in food preparation to design original recipes and menus. Social, cultural, economic, health, and aesthetic aspects of food will be discussed in depth. This course also provides an opportunity to explore future career options in the food industry and to develop an individual food philosophy.

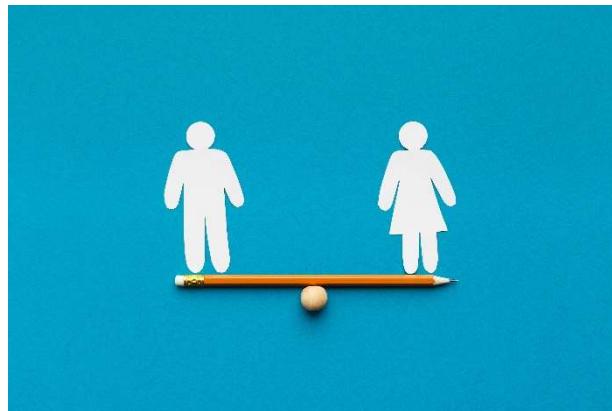


## Elective Courses ▪ Grade 11/12

### Home Economics cont.

#### Interpersonal and Family Relationships 11

This course offers service design opportunities to address interpersonal, family, and/or community challenges. Learning includes social dynamics and cultural influences, interviewing and consultation etiquette, and characteristics of healthy and safe relationships.



#### Pastry and Baking 11

This is an introductory course which focuses on developing skills and techniques in baking. Students will broaden and challenge their skill set through use of challenging recipes and a wide variety of equipment and ingredients to create a desired product. The emphasis will be on baking theory, practical knowledge and skills building, prep skill, time management and production. This course will be valuable for any student who wants to learn and develop introductory and foundational skills in baking and pastry. The foundational skills learned in this course are transferable to Pastry Arts and Baking 12 and Food Studies 12.

#### Pastry and Baking 12

This course focuses on advanced skills and techniques in baking. Students will broaden skill sets using elaborate recipes and a wider variety of equipment and ingredients. This course will be valuable for any student considering opening a business of their own. The skills learned in this course are transferable from the classroom to the competitive service industry.



## Elective Courses ▪ Grade 11/12

### Languages

#### French 11

Students will interact with growing confidence in French while practicing speaking, listening, reading, and writing skills. French 11 has a focus on giving opinions and an advanced study of French culture. Opportunities for field trips, putting on Francophone events for the school, and being a French peer tutor may be available. Successful completion of French 11 provides the minimum language requirement needed for most Universities. Students will continue to prepare for the DELF exam.

#### Recommended Prerequisite: French 10

**\*As this is not an introductory course, students must have taken French 8 to 10 before enrolling in French 11**

#### French 12

Finish your high school language program strong and impress current or future employers with the successful completion of French 12 and the DELF\* exam (A2 or B1 level). More complex facets of French language and culture will be introduced at this level. As in French 11, opportunities for field trips, putting on Francophone events for the school, and being a French peer tutor may be available. QE French teachers look forward to working with you in your final year of high school. We are so proud of our French 12 students!

#### Recommended Prerequisite: French 11.

\*This opportunity is available to all students enrolled in French 12 during the regular school year. Participation in the DELF exam is optional. DELF results are separate marks and are not counted in the French 12 course mark. DELF diplomas are recognized worldwide in Francophone countries and can be included in job application packages and university portfolio applications.

#### Punjabi 11

This course is accepted as a second language university requirement. Students are expected to have a working fluency in reading, writing and speaking Punjabi. Students will build on their prior knowledge as they gain a deeper understanding into Punjabi culture.

#### Recommended Prerequisite: Punjabi 10 or permission from a Punjabi teacher.





## Elective Courses ▪ Grade 11/12

### Languages cont.

#### Punjabi 12

In Punjabi 12 students are expected to know how to read Punjabi fluently, students will review all 10 vowels with increased comprehension related to the short stories we will read. We will be exploring an integral part of Punjab and its history related to partition 1947, 1984, Maharaja Ranjit Singh and his empire plus the generals in his army. We will explore poetry and art related to big themes throughout the semester. In terms of grammar, we will learn past, present and future tense related to time, foods and calendar through conversations.

**Recommended Prerequisite: Punjabi 10 and 11 or permission from a Punjabi teacher.**

### Physical Education

#### Active Living 11/12

This course will enable students to explore and learn about the concept of recreation and will assist students in finding enjoyable activities and sports that can motivate them to participate more regularly in physical activity. Students will be able to employ tactics to increase their abilities and chances of success in a variety of physical activities and will be able to explain how their developing competencies can increase their confidence and significantly contribute to lifelong participation in physical activity. The grade 12 level will include leadership opportunities to teach elementary aged students as well.

#### Active Living 11/12 (Girls)

This class will run only if the numbers of registrants is adequate. In this course students will participate in a variety of recreational activities that will develop both teamwork and individual performance with a focus on the enjoyment of physical activity and less of a focus on the competitiveness of team sports. Such activities and field trips include active health, aerobic fitness, yoga, volleyball, ball hockey, flag football, badminton, tennis, minor games, lacrosse, soccer, basketball, rugby, orienteering, rock climbing, bowling and laser tag.

This course is open to both Grade 11 and 12 students. This class is for female students, students who identify as she / her and those who identify as non-binary.

#### Fitness and Conditioning 11/12

This course will allow students to explore the components of physical fitness and nutrition in conjunction with the principles of aerobic exercise and weight training. The format of the class is that students will alternate between a variety of training techniques such as cardiovascular fitness, muscular strength and endurance, flexibility, body composition and weight training. This course is excellent for students interested in a career in the fitness industry, physical education or personal training. You do not have to be an athlete to be successful in this course, but you must be MOTIVATED.



## Elective Courses ▪ Grade 11/12

### Physical Education cont.

#### **Fitness and Conditioning 11/12 (GIRLS)**

This class is designated to further students' knowledge of health information, goal setting, fitness training and testing and lifelong wellness. Through participation in a variety of activities, this course is designed to enable ALL students to improve their personal level of fitness, develop lifelong fitness goals and knowledge, and maintain a personal fitness program with a focus on health and wellness. This class is for females' students, students who identify as she / her and those who identify as non-binary.

#### **Weight Training 11/12**

Students will participate in the many facets of strength training. Students will learn a variety of strength training techniques and how to use different types of equipment to achieve a high level of fitness. Students will also learn the principles of training, strength training, safety procedures, and the importance of nutrition. The physiology of strength training necessitates days of rest from resistance workouts; thus, students will be expected to participate in other activities (cardiovascular) throughout the course.

### Social Studies

#### **Psychology 11**

Psychology is the study of the human mind with particular emphasis on behaviour and mental processes. In this course you will learn about the basics of the discipline and explore its origins, major theories and perspectives, research methods and applications. Psychology provides a unique approach to understanding modern society. Some topics encountered during the semester will be: developmental psychology, the brain and behavior, sensation and perception, states of consciousness, theories of personality, and issues of mental health. Students will find this an engaging course with strong relevance to our world today.

**This course does not meet the Social Studies graduation requirements.**

#### **Psychology 12**

Students who have successfully completed Psychology 11 may elect to continue their studies about human behaviour in Psychology 12. This course extends students' knowledge of human behaviour by encouraging the critical application of prior knowledge to a variety of issues and ideas. Topics covered in Psychology 12 include: Personality, Interpersonal Relationships, and a detailed examination of Mental Illnesses. Students will educate others about Schizophrenia, Depression, Bi-polar Disorder and Anxiety Disorders in this course.

**Psychology 11 is recommended as a pre-requisite. This course does not meet the Social Studies graduation requirements.**



## Elective Courses ▪ Grade 11/12

### Technology Education

#### Automotive Technology 11/12

Automotive Technology is an introductory (no experience or knowledge required) course designed to give students a basic understanding of a vehicle and some of its essential systems. Paired with theory, practical work, such as oil changes, brake servicing, engine rebuilding and computer scanning in our automotive shop will allow students to gain experience and confidence around vehicles as well as the tools and equipment required to complete tasks and repairs. If you plan on a career in automotive or plan on owning a vehicle in the future, this course will provide you with the knowledge for minor repairs, maintenance, and entry training for post-secondary.

\*Recommended for students interested in Automotive, Transport or Heavy-Duty mechanical careers or post-secondary studies.

#### Drafting and Computer Aided Design 11/12 (Senior)

Engineering Drafting & computer Aided design 11/12 is a highly recommended course for any students interested in pursuing engineering or architecture in post secondary or as a career. Throughout the course, students will be introduced to Computer Aided Design (CAD) software such as AutoCAD and Inventor to complete 2D and 3D engineering drawings. This course covers basic drafting principals and techniques that are used by engineering and architectural companies to design the products and buildings we use every day. These skills will allow students to communicate their ideas and design through custom projects and drawing challenges. Students will demonstrate these principals and skills through instructor assigned drawings which will lead into assignments/projects that may include 3D printing.

#### Electronics and Robotics 11/12 (Senior)

Have you ever wanted to build your own robot? Or program projects that interact with your code, input devices or sensors? Senior Electronics and Robotics is a level-based project-orientated course that allows students to learn and develop skills using tools and computers. Senior Electronics and Robotics focuses on electronics theory while applying more advanced robotics and coding on projects. Students will expand on circuit prototyping and development and revisit the Arduino for project coding. This course will offer the use of the same materials, but with an expanded component of audio, digital, and light circuits such as the LED cube or Arduino Robot. In this course students have the option to complete projects that interest them ranging from computer-controlled games to iPod stereos. Senior Electronics and Robotics is offered to all grade 11 and 12 students.

#### Metalwork 11/12 (Senior)

As a continuing course from junior metalwork, students will build on the basics they have learned with new techniques and equipment. Larger and more intricate student projects will be planned and researched by students and then drafted to create a build plan. This will lead to less material waste, efficient use of shop time and completion of successful projects. Course objectives may include welding, heat treatments, metallurgy, precision measurement and stationery and handheld power equipment.

## Elective Courses ▪ Grade 11/12

### Technology Education cont.

#### Technology and Engineering 11/12 (Senior)

Senior Technology is designed to further the understanding of basic concepts learned in Junior Technology and Engineering, while broadening the field of what makes something a technology. In this course, students will practice fine motor skills while they prototype, create and revise their projects around critical thinking to achieve an end goal in the following possible areas: Engineering, Energies, Aviation and Robotics.

#### Woodwork 11/12 (Senior)

Level 2 students will be encouraged to expand their skills, design/problem solving ability and knowledge of wood and wood related machinery. Teacher selected projects have been designed to promote student development. Individual design of a project maybe possible, subjects to instructors' approval.



## Elective Courses ▪ Grade 11/12

### Other Courses

#### Peer Tutoring 11/12 (Senior)

Peer Tutoring 11/12 provides senior students with an opportunity to work with younger students in a helping/mentoring/teaching capacity as well as sharpening their leadership skills. A peer tutor is a part of the learning support team which promotes success for all learners. Peer tutors are paired with a LST mentor teacher who guides them throughout the peer tutoring placement process. Students are encouraged to take Peer Tutoring to push themselves outside of their comfort zones and build their interpersonal capacity in working with others.

#### Leadership 11/12 (Senior)

Leadership 12 is designed to give students the opportunity to further develop personal responsibility and individual leadership skills. Emphasis will be placed on having students explore, develop, and apply leadership skills within the school, community, and world. Planning and running service projects, school activities, and supporting the larger school community are essential and often the focus is chosen by the students in the course that year.

Personal skill development will include recognition of leadership styles, communication, interacting in group work, event planning and implementation, time management and organization, public speaking, and personal and social responsibility. There will be a variety of opportunities provided to leadership students to practice and enhance these skills. Leadership will require self-reflection and planning.

\*Students interested in taking the course need to fill out an application. \*



# Special Programs at Queen Elizabeth Secondary

## Learning Support and English Language Learners

The Learning Support Program is available for students who need support and assistance in their academics. The program consists of enrolled tutorial/skill building classes for designated students and non-enrolled drop-in opportunities for all other learners. Placement in LST tutorials, and ELL courses will be based on the individual learning needs of the student. Students will not choose these courses themselves—placement will be determined by a student's counsellor based on teacher recommendations and identified need.

### LST Tutorials-Non-Credit (Grades 8-12)

The Learning Support program provides students with a tutorial block to support them in their education. In a tutorial block, students receive assistance and support in areas of need and build fundamental academic skills in a supportive environment.

*Please note that LST courses are zero credits unless otherwise stated.*

### ELL 1/2 (Beginner/Developing)

Students who are new to English or who are experiencing difficulty with any aspect of English (listening, speaking, reading, and writing) will be registered in this course by counsellor based on language assessment.

*This is a non-credit course.*

### ELL 2/3 (Developing/Expanding)

Students will continue to receive English language instruction (listening, speaking, reading, and writing) to build upon the skills learned in beginning/developing class.

*This is a non-credit course.*

### Board Approved ELL Courses

#### English Language Development 10

This course is designed for English Language Learners who have made some progress in developing their Basic Interpersonal Communication Skills already and are ready to more intently and explicitly begin developing academic English (Cognitive Academic Language Proficiency).

In this course, students grow their knowledge and skills for academic communication in English through explicit vocabulary, reading, writing, speaking, listening, and viewing instruction in a sheltered environment. This course builds a bridge between students' previous learning, their personal and social identities and relationships, and the new cultural setting within which they are now interacting.

*This course is worth 4 credits*

### The Language of Math and Science

This course is designed for students who have difficulties with math facts and understanding common terminology associated with numeracy and science. It builds on what students already know and allow them to gain confidence in their math skills. Topics may include negative and positive integers, fractions, percentages and decimals, money and finances, measurement, and general strategies on solving word problems and understanding scientific terminology.

Students will engage in project-based learning to express their knowledge and learn how to work collaboratively with their peers. Entry to the course is determined by the LST department head in consultation with classroom teachers and is intended to support students in Grades 8 to 10 with an ELL background or other learning needs. Students who take this course would later be enrolled in Workplace Math 10.

*This is a non-credit course.*

Name:  
Student number:

Date:  
Counsellor:

# QE Grade 10 Course Planning 2026

## GRADUATION PLANNING INFORMATION:

80 credits are needed from grade 10-12 with 4 credits earned for every passed class

- A study block is given only to grade 12s with ample credits

Certain Career Education, English, Math, Science, and Social Studies classes are required, but you must also take at least one ADST or Fine Arts class

- Electives are additional course choices beyond the classes required for graduation
- They can be used to fill post-secondary prerequisite courses and/or be interest-based

All class options are found in our course selection book

<https://www.surreyschools.ca/queene/page/52885/courses>

Helpful websites for planning your path:

- Education Planner BC (to see post-secondary admissions requirements):  
<https://www.educationplannerbc.ca/>
- BC Transfer Guide (to see what classes at one post-secondary institution transfer to another): <https://www.bctransferguide.ca/>

This is a general guide for most students, but in specific cases, there may be some exceptions which can be explored by working with the Career Center or Counsellor.

## CHOOSE YOUR CLASSES

Grade 10 – this year I took...	Grade 11	Grade 12
<b>Required Courses</b> <ol style="list-style-type: none"> <li>1. CLE 10</li> <li>2. English 10</li> <li>3. Foundations of Mathematics <b>or</b> Workplace 10 (<i>circle one</i>)</li> <li>4. PHE 10</li> <li>5. Science 10</li> <li>6. Socials 10</li> </ol> <b>Electives</b> <ol style="list-style-type: none"> <li>7. _____</li> <li>8. _____</li> </ol> <b>Alternates:</b> <ol style="list-style-type: none"> <li>1. _____</li> <li>2. _____</li> </ol>	<b>Required Courses</b> <ol style="list-style-type: none"> <li>1. English 11 (<i>write the name of which one you want</i>) _____</li> <li>2. Pre-calculus <b>or</b> Foundations of Mathematics <b>or</b> Workplace 11 (<i>circle one</i>)</li> <li>3. Science 11 <b>or</b> 12 (<i>write the name of which one you want</i>) _____</li> <li>4. Socials 11 <b>or</b> 12 (<i>write the name of which one you want</i>) _____</li> </ol> <b>Electives</b> <ol style="list-style-type: none"> <li>5. _____</li> <li>6. _____</li> <li>7. _____</li> <li>8. _____</li> </ol> <b>Alternates:</b> <ol style="list-style-type: none"> <li>1. _____</li> <li>2. _____</li> </ol>	<b>Required Courses</b> <ol style="list-style-type: none"> <li>1. CLC 12</li> <li>2. English First Peoples 12</li> </ol> <b>Electives</b> <ol style="list-style-type: none"> <li>3. _____ 12</li> <li>4. _____ 12</li> <li>5. _____</li> <li>6. _____</li> <li>7. _____</li> <li>8. _____</li> </ol> <b>Alternates:</b> <ol style="list-style-type: none"> <li>1. _____</li> <li>2. _____</li> </ol>

**Potential gr. 10 credits: 32**

**Potential gr. 11 credits: 32**

**Potential gr. 12 Credits: 32**

**Total potential credits: 96**

## EXAMPLE COURSE PLANNING:

### Mock course planning: **Medicine**

Grade 10	Grade 11	Grade 12
<p>Required Courses</p> <ol style="list-style-type: none"> <li>1. CLE 10</li> <li>2. English Literary Studies &amp; Composition 10</li> <li>3. Foundations of Mathematics 10</li> <li>4. PHE 10</li> <li>5. Science 10</li> <li>6. Socials 10</li> </ol> <p>Electives</p> <ol style="list-style-type: none"> <li>7. French 10</li> <li>8. Foods 10</li> </ol> <p>Alternates:</p> <ol style="list-style-type: none"> <li>1. Media Arts 10</li> <li>2. Drama 10</li> </ol>	<p>Required Courses</p> <ol style="list-style-type: none"> <li>1. English Composition 11</li> <li>2. Pre-Calculus 11</li> <li>3. Chemistry 11</li> <li>4. Law 12</li> </ol> <p>Electives</p> <ol style="list-style-type: none"> <li>5. Life Science 11</li> <li>6. Physics 11</li> <li>7. French 11</li> <li>8. Weight Training 11</li> </ol> <p>Alternates:</p> <ol style="list-style-type: none"> <li>1. Foods 11</li> <li>2. Yearbook 11</li> </ol>	<p>Required Courses</p> <ol style="list-style-type: none"> <li>1. CLC 12</li> <li>2. English First Peoples 12</li> </ol> <p>Electives</p> <ol style="list-style-type: none"> <li>3. Chemistry 12</li> <li>4. Pre-calculus 12</li> <li>5. Anatomy &amp; Physiology 12</li> <li>6. French 12</li> <li>7. Food Studies 12</li> <li>8. Study block</li> </ol> <p>Alternates:</p> <ol style="list-style-type: none"> <li>1. Weight Training 12</li> <li>2. Specialized Science 12</li> </ol>

### Mock course planning: **Law/Law Enforcement**

Grade 10	Grade 11	Grade 12
<p>Required Courses</p> <ol style="list-style-type: none"> <li>1. CLE 10</li> <li>2. English 10</li> <li>3. Foundations of Mathematics 10</li> <li>4. PHE 10</li> <li>5. Science 10</li> <li>6. Socials 10</li> </ol> <p>Electives</p> <ol style="list-style-type: none"> <li>7. Band 10</li> <li>8. Punjabi 10</li> </ol> <p>Alternates:</p> <ol style="list-style-type: none"> <li>1. Media Arts 10</li> <li>2. Drama 10</li> </ol>	<p>Required Courses</p> <ol style="list-style-type: none"> <li>1. English Composition 11</li> <li>2. Foundations of Mathematics 11</li> <li>3. Life Science 11</li> <li>4. Law 12</li> </ol> <p>Electives</p> <ol style="list-style-type: none"> <li>5. Active Living 11</li> <li>6. Band 11</li> <li>7. Punjabi 11</li> <li>8. Food Studies 11</li> </ol> <p>Alternates:</p> <ol style="list-style-type: none"> <li>1. CLC 12</li> <li>2. Yearbook 11</li> </ol>	<p>Required Courses</p> <ol style="list-style-type: none"> <li>1. CLC 12</li> <li>2. English First Peoples 12</li> </ol> <p>Electives</p> <ol style="list-style-type: none"> <li>3. Genocide Studies 12</li> <li>1. Social Justice 12</li> <li>2. Peer Tutoring 12</li> <li>4. Active Living 12</li> <li>5. Food Studies 12</li> <li>6. Study block</li> </ol> <p>Alternates:</p> <ol style="list-style-type: none"> <li>1. Weight Training 12</li> <li>2. Punjabi 12</li> </ol>

Mock course planning: **Metal Fabrication (prep for a District Partnership Program)**

Grade 10	Grade 11	Grade 12
<p>Required Courses</p> <ol style="list-style-type: none"> <li>1. CLE 10</li> <li>2. English 10</li> <li>3. Workplace Mathematics 10</li> <li>4. PHE 10</li> <li>5. Science 10</li> <li>6. Socials 10</li> </ol> <p>Electives</p> <ol style="list-style-type: none"> <li>7. Band 10</li> <li>8. Foods 10</li> </ol> <p>Alternates:</p> <ol style="list-style-type: none"> <li>1. Media Arts 10</li> <li>2. Drama 10</li> </ol>	<p>Required Courses</p> <ol style="list-style-type: none"> <li>1. English New Media 11</li> <li>2. Workplace Mathematics 11</li> <li>3. Earth Science 11</li> <li>4. Physical Geography 12</li> </ol> <p>Electives</p> <ol style="list-style-type: none"> <li>5. Active Living 11</li> <li>6. Band 11</li> <li>7. Automotive Technology 11</li> <li>8. Woodwork 11</li> </ol> <p>Alternates:</p> <ol style="list-style-type: none"> <li>1. Bio 11</li> <li>2. Yearbook 11</li> </ol>	<p>Required Courses</p> <ol style="list-style-type: none"> <li>1. CLC 12</li> <li>2. English First Peoples 12</li> </ol> <p>Electives</p> <ol style="list-style-type: none"> <li>3. Genocide Studies 12</li> <li>4. Law 12</li> <li>5. Leadership 12</li> <li>6. Punjabi 11</li> <li>7. Automotive Technology 12</li> <li>8. Study block</li> </ol> <p>Alternates:</p> <ol style="list-style-type: none"> <li>1. Weight Training 11</li> <li>2. Food Studies 12</li> </ol>