

High School Course Guide

2024-2025

*Partnering with parents to provide an excellent,
faith-based High School education for their
children.*

HIGH SCHOOL COURSE GUIDE

2024- 2025

Table of Contents

| | |
|---|-----------|
| INTRODUCTION..... | 1 |
| Principal’s Message | 1 |
| Mission and Core Values..... | 2 |
| Professional Affiliations..... | 2 |
| BC Curriculum Features | 3 |
| Updated Indigenous-focused Graduation Requirement | 4 |
| Course Selection Policies | 4 |
| Servant Leadership/Humanitarian Opportunities | 6 |
| THE BIG PICTURE | 7 |
| Graduation Requirements | 7 |
| Mathematics – Pathways and Topics | 8 |
| Finding your Career Alignment | 8 |
| COURSE INFORMATION (GRADES 8 – 12) 2024-2025 | 9 |
| Grade 8 Course Guide | 9 |
| Grade 9 Course Guide | 14 |
| Grade 10 Course Guide | 20 |
| Grade 11 Course Guide | 26 |
| Grade 12 Course Guide | 36 |
| Grade 10 to 12 Summary | 44 |
| Advanced Placement..... | 45 |
| Provincial Graduation Assessment Information..... | 46 |
| EXTRA CURRICULAR ACTIVITIES..... | 47 |
| Service – Leadership – Community - Environment | 47 |
| High School Athletics | 48 |

INTRODUCTION

Principal's Message

On behalf of the staff at Lions Gate Christian Academy, we wish you much success for the upcoming school year. We invite you to get involved in some of the many academic, athletic, applied skills, fine arts, leadership and career education opportunities available throughout the year. In preparation for your return to LGCA in September, we need to know which courses you require in order to meet your personal educational plan and to complete your Graduation Program requirements. Please note that not all courses can run every year. Course offerings depend on student sign-up.

Our course selection guide has been prepared to assist you and your parents to make informed choices about the courses you select. Some of you may be familiar with the course selection process, but if you're a first time participant in this activity, don't be afraid to ask us questions. You can be assured that the academic programs we offer meet all of the requirements for successful graduation and preparation for entry into post-secondary institutions. Choose your courses carefully. Talk to your parents. Ask your teachers and our Academic Advisor. We will be happy to answer your questions.

Adam Reid, MEd
Principal
Lions Gate Christian Academy



SOLI DEO GLORIA
Glory to God Alone

Vice Principal's Message

Choosing your courses each year can be a daunting task, especially as you move into the graduation program. Our high school offers a variety of academic, arts, athletics, service, and leadership opportunities for our students to flourish. Our faculty work to refine and update our courses to meet the needs of our students. As you select your courses for the upcoming year, chat with your parents and teachers, and carefully consider your options. Our timetable is created around what you select, so it is very important to choose wisely.

Each year our students receive multiple offers of admission to top universities. As your academic advisor, I'm here to help you make informed choices as you plan your post-secondary career.

Shelley McCullough
Vice Principal and Academic Advisor

***Partnering with parents to provide an excellent,
faith-based high school education for their children.***

Professional Affiliations

Lions Gate Christian Academy belongs to the Association of Christian Schools International (ACSI), the largest Christian schools organization in the world, operating in Canada, the US and 45 other nations worldwide. LGCA also belongs to the Federation of Independent Schools Association (FISA), as a provincial body that represents the majority of independent schools in British Columbia.



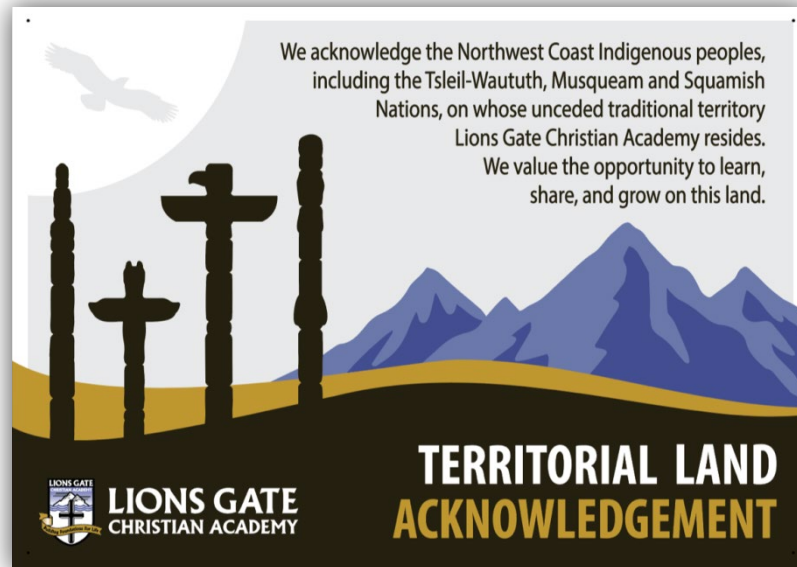
Mission and Core Values

The mission of the Lions Gate Christian Academy High School is to provide access to quality Christian education for families residing in the Lower Mainland.

LGCA is a community, rooted in the teachings of Jesus, where all students are loved, challenged and equipped to be purposeful contributors in their communities.

At Lions Gate Christian Academy High School, our goal is to provide a truly outstanding educational experience that meets the diverse and unique needs of our students.

- Our staff members are committed to education that is innovative and reflective of a Christian worldview, while fully meeting all B.C. Ministry of Education requirements.
- Our desire is that our students would walk daily with God, so that their influence will be realized in the home, in the community, and in the world.
- We prepare, pray and plan that each graduate will leave us with a solid foundation to equip him/her for life beyond the walls of Lions Gate Christian Academy.



BC CURRICULUM FEATURES

CURRICULUM MODEL

All areas of learning are based on a “Know-Do-Understand” model to support a concept-based competency driven approach to learning. These three elements, the Content (Know), Curricular Competencies (Do), and Big Ideas (Understand) all work together to support deeper learning.

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 in a specific area of learning. They reflect the “do” in the know-do-understand model of learning.

Big Ideas (Understand)

The big ideas consist of generalizations and 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.

For more information: <https://curriculum.gov.bc.ca/>

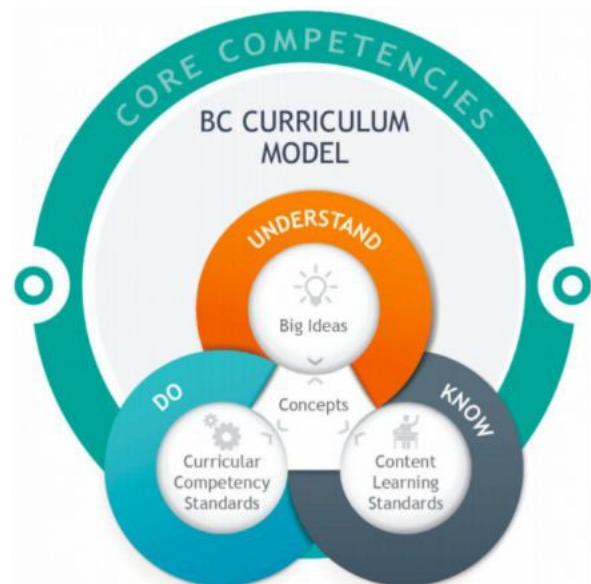
CORE COMPETENCIES

The Core Competencies are sets of intellectual, personal, and social and emotional proficiencies that all students need in order to engage in

deep, lifelong 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. For more information: <https://curriculum.gov.bc.ca/competencies>

INDIGENOUS PERSPECTIVES & KNOWLEDGE

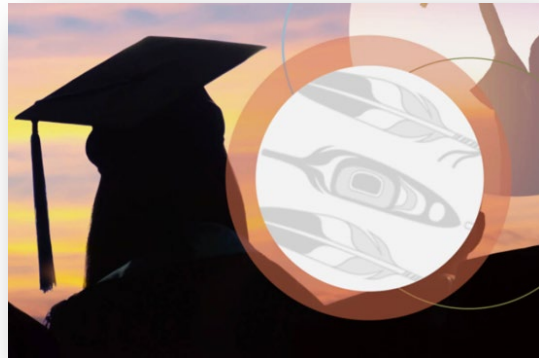
Indigenous perspectives and knowledge are an important part of the historical and contemporary foundations of both B.C. and Canadian societies and are integrated into every subject in the new curriculum. All students will have opportunities to better understand and respect a variety of Indigenous cultures and worldviews, while also learning more about their own cultural backgrounds and identities. For more information: <https://curriculum.gov.bc.ca/>



Updated Indigenous-focused Graduation Requirement

As part of the Province of British Columbia’s commitment to Truth, Reconciliation, and Anti-Racism, the Ministry of Education and Child Care has updated the BC Graduation Program requirements. Effective the 2023/24 school year, all students working toward a B.C. Certificate of Graduation (“Dogwood Diploma”) must successfully complete at least 4 credits in Indigenous-focused coursework between Grade 10 and 12. There is no change to the total number of credits required to graduate, which remains at 80.

To ensure that our students meet the requirements, English First Peoples Literary Studies and Writing 11 has replaced Literary Studies 11.



Course Selection Policies

TIMETABLING REQUIREMENTS

- Students in Grades 8, 9 & 10 will register for 36 credits (9 courses in the timetable). Students in Grade 11 and 12 will register for a minimum of 64 credits over their Grade 11 and 12 years (8 courses per year). All students are required to complete Bible 11 & 12 as part of their graduation requirement at LGCA.

COURSE CHOICE

PLEASE NOTE: Although courses are listed in this selection guide, not all courses may be ultimately offered. The ability to offer courses is subject to class enrolment and timetabling constraints.

COURSE CHANGES

- The timetable is created based on students’ original choices in the spring. Course changes may only be possible in the following situations and only in consultation with the Academic Advisor.
- Course changes may be possible due to timetabling conflicts and student/course suitability prior to the third week of classes. Course changes should be requested during the first week of the school year. These changes may only be possible provided classes are not at capacity and there is minimum disruption to the rest of the student’s timetable. Course change forms must be signed by the Academic Advisor and require a parent signature in order to approved.

STUDY BLOCK POLICY

- Senior students (Grades 11 & 12) may apply for a study block if they have
 - (a) a challenging course load
 - (b) a good attendance history (Grades 8-12)
 - (c) a good record of citizenship
 - (d) time constraints due to extra-curricular activities
- Students must complete a study block application form for review by the academic advisor and a school administrator who will approve or disapprove all study block applications. If approved, students are expected to be in a supervised study block working on course work during their study block time.
- **TO CONSIDER:** A study block is not worth any course credit. By choosing a study block instead of another course, the student will not earn the 4 credits towards graduation that other courses would provide. It is the student's responsibility to determine how a study block will affect their graduation status and post-secondary choices. Many post-secondary institutions have declared they take into consideration the breadth of courses applicants have taken in their Grade 11 and 12 years, as well as courses specific to their intended area of study.

ONLINE COURSES

- If LGCA offers the course, it is expected that our students take the course from LGCA. It is the policy of Lions Gate Christian Academy to encourage online course registration where
 - (a) LGCA does not offer the course in the timetable and/or
 - (b) where the desired course is in conflict with another course the student wishes to take and/or
 - (c) when a student desires to upgrade a course which they have previously taken at LGCA.

In terms of funding, the BC Ministry of Education pro-rates funding for part-time students.

SUMMER SCHOOL COURSES

- Students may take Summer School courses if they need to repeat a course in order to gain a passing grade or improve their grade.
- Summer School courses are very condensed and fast paced. They are not designed to students wanting to get ahead. In fact, it is not in a student's best interests to take an academic course during the summer, especially if it is a course requirement for university entrance.
- **Students need permission from their academic advisor before taking a summer course.**

PERMISSION FOR ADMITTANCE TO HIGH SCHOOL ACADEMIC SUBJECTS

- In general, students must successfully complete a course before moving to the corresponding course at the next grade level. In addition, admittance to certain Grade 10, 11 and 12 courses may be dependent upon the student achieving a minimum grade in the corresponding prerequisite course. Please refer to course descriptions to familiarize yourself with all prerequisite requirements.

SERVANT LEADERSHIP/HUMANITARIAN OPPORTUNITIES

LGCA is committed to providing opportunities for students to develop and express their servant heart throughout their high school careers. Each year in Bible class our staff presents students with meaningful work in the Vancouver area to help them understand their own communities better and to learn what it is to lead through serving. In Grade 11, students have the exciting opportunity to be part of community work in an international setting. Joining humanitarians who support the long term goals of a community in an international setting is both humbling and rewarding. The Grade 11 service trip has a cost associated with it, which is why parents and students should be budgeting for this in the years leading up to Grade 11. Finally, Grade 12 Bible will offer students an opportunity for a personalized experience that they can build upon from some of the interests that may have been sparked in previous years during Bible classes. The Bible classes at LGCA help students better understand the position they find themselves in on the journey God has placed them. As we work towards loving, challenging and equipping our students to be purposeful contributors and their communities, we need them to take an active role in that process. The service opportunities that are placed within each year of the Bible curriculum are part of their spiritual growth.



Guatemala



Vancouver



Pemberton



Mexico

THE BIG PICTURE

Graduation Requirements

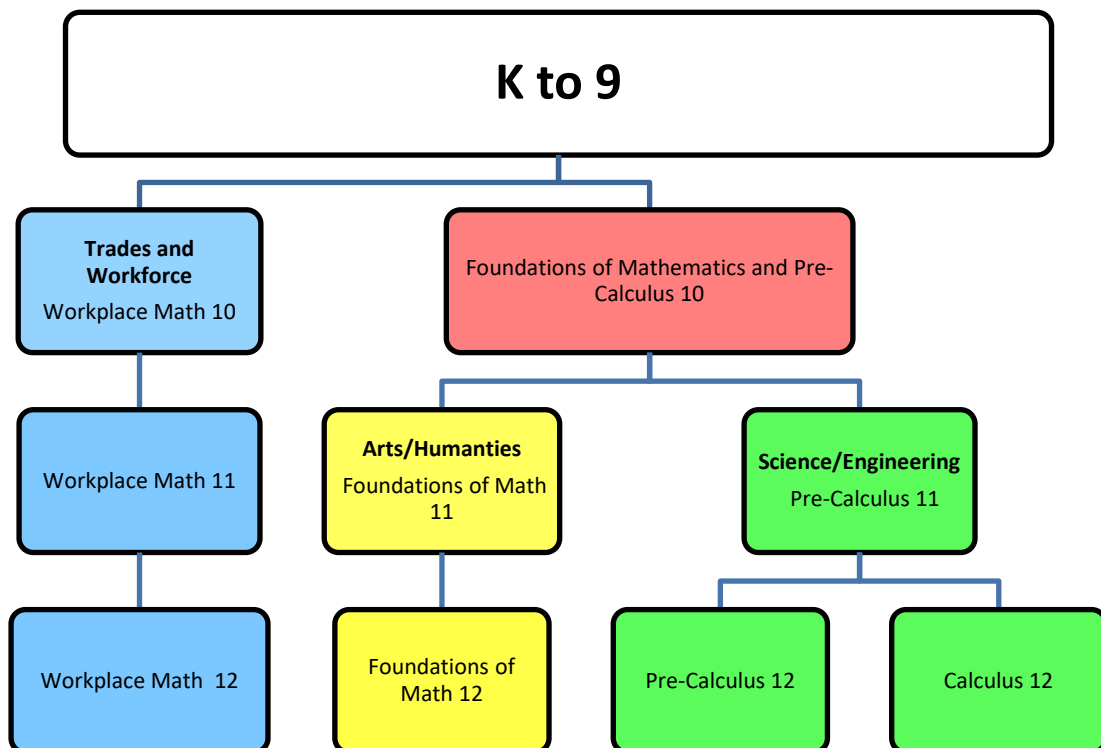
| GRADE 10 REQUIREMENTS | CREDITS | |
|--|--|---|
| <input type="checkbox"/> English (Literary Studies and Composition) 10 <input type="checkbox"/> Social Studies 10 <input type="checkbox"/> Science 10 <input type="checkbox"/> a Math 10 _____ <input type="checkbox"/> PE 10 <input type="checkbox"/> Career Life Education 10 | 4 4 4 4 4 4 | Total Credits: <hr style="width: 50%; margin: auto;"/> (Min. 24) |
| GRADE 11 REQUIREMENTS | | |
| <input type="checkbox"/> English (Literary Studies) 11 <input type="checkbox"/> a Social Studies 11 _____ <input type="checkbox"/> a Science 11 _____ <input type="checkbox"/> a Math 11 _____ | 4 4 4 4 | Total Credits: <hr style="width: 50%; margin: auto;"/> (Min. 16) |
| GRADE 12 REQUIREMENTS | | |
| <input type="checkbox"/> English Studies 12 <input type="checkbox"/> _____ 12 <input type="checkbox"/> _____ 12 <input type="checkbox"/> _____ 12 | 4 _____ _____ _____ | Total Credits: <hr style="width: 50%; margin: auto;"/> (Min. 16) |
| GRADUATION REQUIREMENTS | | |
| <input type="checkbox"/> Career Life Connections 12 <input type="checkbox"/> Indigenous-Focussed Course _____ 10/11/12 | 4 4 | Total Credits: <hr style="width: 50%; margin: auto;"/> (8) |
| FINE ARTS and/or APPLIED SKILLS REQUIREMENT | | |
| Either 4 credits of one area, or 2 credits of each <input type="checkbox"/> Fine Arts _____ 10 / 11 / 12 <input type="checkbox"/> Applied Skills _____ 10 / 11 / 12 | _____ _____ | Total Credits: <hr style="width: 50%; margin: auto;"/> (Min. 4) |
| ADDITIONAL COURSES | | |
| <input type="checkbox"/> Bible 10 , 11, and 12 Required at LGCA <input type="checkbox"/> _____ 10 / 11 / 12 <input type="checkbox"/> _____ 10 / 11 / 12 <input type="checkbox"/> _____ 10 / 11 / 12 <input type="checkbox"/> _____ 10 / 11 / 12 <input type="checkbox"/> _____ 10 / 11 / 12 | 12 _____ _____ _____ _____ | Total Credits: <hr style="width: 50%; margin: auto;"/> (Min. 16) |
| MANDATORY PROVINCIAL ASSESSMENTS | | |
| Numeracy 10, Literacy 10, Literacy 12 | | |

Overall
Total Credits – Minimum 80

Mathematics – Pathways and Topics

The Common Curriculum Framework for Grades 10–12 Mathematics includes pathways and topics. Three pathways are available: Workplace Mathematics, Foundations of Mathematics, and Pre-Calculus. A common Grade 10 course (Foundations of Mathematics and Pre-Calculus, Grade 10) is the starting point for the Foundations of Mathematics pathway and the Pre-Calculus pathway. Each topic area requires that students develop a conceptual knowledge base and skill set that will be useful to whatever pathway they have chosen. The topics covered within a pathway are meant to build upon previous knowledge and to progress from simple to more complex conceptual understandings.

Finding your Career Alignment



The goals of all three pathways are to provide prerequisite attitudes, knowledge, skills and understandings for specific post-secondary programs or direct entry into the work force. All three pathways provide students with mathematical understandings and critical-thinking skills. It is the choice of topics through which those understandings and skills are developed that varies among the pathways. When choosing a pathway, students should consider their interests, both current and future. Students, parents and educators are encouraged to research the admission requirements for post-secondary programs of study as they vary by institution and by year. A 70% mark in Math 9 is recommended to pursue the Pre-Calculus route.

Visit this website for more information:

http://www.bced.gov.bc.ca/irp/pdfs/mathematics/WNCPmath1012/2008math1012wncp_ccf.pdf

Course Information (Grades 8 – 12) 2024-2025

Grade 8 Focus: Growing in God - Thinking Christianly

Grade 8 Course Guide

Based on Ministry of Education & Graduation Requirements

Students must take the Foundations Studies and include an elective(s) from the category of Fine Arts or Applied Skills.

Grade 8 Foundation Studies

All students will enrol in:
English Language Arts 8
Social Studies 8
Science 8
Mathematics 8
French 8
Bible 8
Physical Education 8
Health & Career Education 8*

Electives

*Students will choose **TWO** of the following electives:*
Visual Arts 8
Concert Band 8
Home Economics 8
Computers 8

* Health & Career Education 8 is integrated into appropriate core subjects i.e. Science 8, Social Studies 8, PE 8, Bible 8, etc. As part of the HCE program, students are also expected to fulfill 10 hours of volunteer experience during the school year.



English Language Arts 8

English 8 fosters an enjoyment of literature and the development of core competencies in communicating and collaborating; in creative, critical and reflective thinking; in social and emotional identity and responsibility. In pursuit of these goals, students will read several genres of literature including novels, short stories, poetry, a modern play, and engage with media studies. Writing in various formats will encourage the development of language and vocabulary, organization, and creativity. Student learning will be reflected in research processes, presentations, and projects in a variety of mediums. It is expected that English 8 students read outside of school to develop their literacy skills. For this course, a final school exam is written in June.

Mathematics 8

Math 8 builds on skills and knowledge introduced in the following areas: fractions, rates and ratios, percent, integers, rational numbers, problem solving, algebra, the Pythagorean Theorem, probability, and graphs. Students also investigate the analysis and use of data using a computer. Math 8 promotes the development of positive attitudes, problem solving, communication, applications, reasoning, and the use of technology. Final school exam is written in June.

Science 8

This course investigates many topics, beginning with the investigation of life processes at the cellular level. Students then study the behaviour of matter by delving into the kinetic molecular theory and the atomic theory. From there, they consider how energy can be transferred as both a particle and a wave. Lastly, students examine the theory of plate tectonics as an explanation for Earth's geological processes. Throughout the year, they will also make connections between science and faith by considering what they can learn about God through creation, reasons why Christians should be interested in sciences, and what it means to do science in a Christian way. Safety and the scientific method are woven throughout.

Social Studies 8

The Social Studies 8 curriculum consists of 5 interrelated aspects. These include identifying a problem or issue, gathering data, interpreting, analyzing, and presenting information, and practicing active citizenship. Students will study the Medieval Era, and the Dynasties and Kingdoms between 500-1400 AD on European, Asian and African Continents. In society and culture, students focus on similarities and differences within and across cultures over time including the organization and evolution of societies. In politics and law, students develop an understanding of political and legal processes and an appreciation for the social purpose of laws in a variety of societies. In economy and technology students develop a basic understanding of economic concepts and systems. Students also learn geographical skills and apply them to enhance their understanding of natural environments. Final school exam is written in June.

PE 8

Physical Education at Lions Gate strives to develop a sense of joy and excitement through physically active play, a wide variety of motor skills, an appreciation and enjoyment of human movement through an active lifestyle and the concept of fitness and well-being. The goal of Physical Education is to help students understand the importance of physical activity as well as develop skills and interests that will encourage a healthy and happy lifestyle. Students acquire appropriate knowledge and skills for participating actively, effectively, safely, and responsibly in a wide range of individual and team activities, games, and rhythmic movement activities. Off campus activities are included in this course as an introduction to the Outdoor Education Program (Grade 9 & 10).



French 8

Students engage in written and oral exercises, which include conversations, short dialogues, games and sketches to complement lessons. New vocabulary is introduced and practiced during each class along with oral reading and comprehension. Students explore cultural comparisons across multiple French speaking countries. Students will begin to clarify time (eg: present, future) through speech and writing. French is the language of communication in the classroom, to the best of each student's ability.

Bible 8

Bible 8 focuses on the claims of Christianity and how to develop a personal relationship with God. Through a multi-media study, students learn about the archeological evidence for *The Bible* as a historical text. Encouraging and teaching critical thinking allows students to really ask questions about Christianity and reflect on their beliefs. Reading the Gospel of Luke introduces students to the person of Jesus. Through examples and practice, students learn the value of devotions, prayer and belonging to a community of Faith. At the end of grade 8, students explore Philippians and Bob Goff's term "people becoming love" as a means to understand how to truly live out a gospel centred life. "Faith is being sure of what we hope for and certain of what we do not see." Hebrews 11:1

Home Economics 8 - Foods and Textiles

This course introduces two applied design skills: food studies and sewing and textiles. Over the course of the year students are introduced to kitchen safety, sanitation, food preparation practices, nutrition, baking, simple meals and First Peoples food use over time. Students will enjoy demo days, cooking labs and guest speakers. Students will also have opportunity to serve others through Home Cooking assignments and baking for school events. The sewing and textiles portion of the course will occur in a few mini units throughout the year. During these mini units, students will learn some basic hand and sewing machine stitches while completing a few simple projects.



Visual Arts 8

Creativity is a core communication skill which enables students to stand out in a team. This course offers art foundations content through the formal skills of drawing and painting, 3D design, art history and critique. Students study examples of art and artists from a variety of cultures whose work explores historical events, and social attitudes. This development of cultural awareness and empathy adds to students' ability to think critically and engage in problem solving through art. Through a series of artist projects, students gain confidence in using different art media to express their ideas and work collaboratively. The culmination of Visual Arts 8 is presented at our Fine Arts Evening.



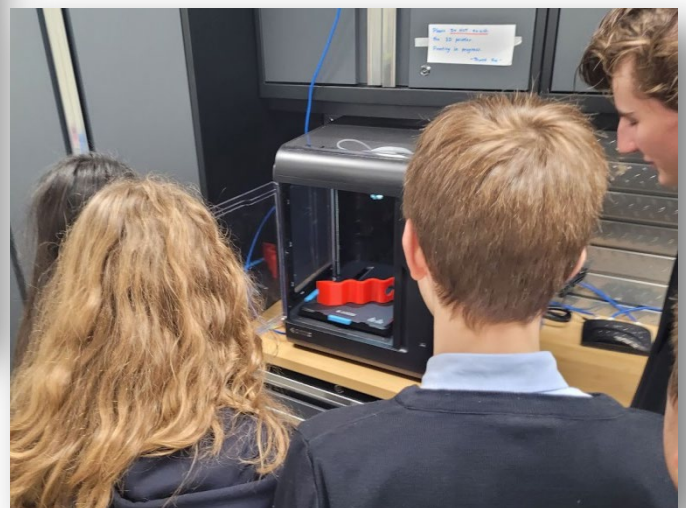
Concert Band 8

Concert Band allows students to expand their musical skills in an ensemble setting. Intermediate band repertoire, specifically chosen for the level of the class, challenges students to reach a higher level of playing and performance. Students enjoy the same social atmosphere and camaraderie that is part of every musical ensemble and contributes to the 'team' approach of learning. The majority of class time is spent combined with the multi-grade (8-10) group, which makes up the core of the junior concert band. The remaining class time is spent on student-driven performances, where they are given the opportunity to orchestrate and perform pieces outside of the concert band genre, on instruments of their choosing, such as orchestral instruments, vocal, and other non-conventional instruments. Though not mandatory, students are recommended to have at least one year's experience on their instrument of choice and should be able to read music.

Computers (ICT) 8

Students develop attitudes, skills and knowledge needed to love, learn and work effectively in an information-rich technological society. Students are encouraged to enjoy and value information and communications technologies, develop Godly habits of thinking, and understand and appreciate the role of computer technologies in life.

Students look at a variety of areas within Information Technology, including parts and hardware, coding, robotics, 3D design and printing, 3D animation, and creating a text adventure game. Students use a variety of information technology tools to access information and apply information technology to all walks of life, including education and recreation, and to future careers. They identify and describe various information technology tools related to careers. As a Christian community, it is most important that teacher's model and students demonstrate an understanding of ethics and acceptable use of information when accessing and processing information. Students apply information technology tools in research.



Grade 9 Focus: Grace, Forgiveness, Worship and Witness

Grade 9 Course Guide

Based on Ministry of Education & Graduation Requirements

Students must take the Foundations Studies and include an elective(s) from the category of Fine Arts or Applied Skills.

Grade 9 Foundation Studies

All students will enrol in:
English Language Arts 9
Social Studies 9
Science 9
Mathematics 9
Bible 9
Physical Education 9
Health and Career Education 9*

Electives

Students will choose TWO of the following electives:
French 9*
Visual Arts 9
Foods Studies 9
Concert Band 9
Outdoor Education 9 (application required)
Computers 9

* Health & Career Education 9 will be integrated into appropriate core subjects i.e. Science 9, Social Studies 9, PE 9, Bible 9, etc. As part of the HCE program, students are also expected to fulfill 15 hours of volunteer experience during the school year.

** We strongly recommend students continue their second language.

English Language Arts 9

English 9 encourages a lifelong love of humanities through engagement with a wide range of genres and media. Students learn that texts are constructed socially, culturally and historically and it is important to question what we see and read in order to be educated and engaged citizens. Students will develop an in-depth understanding of the elements of fiction through short stories, novels, a Shakespeare play, and poetry. Furthermore, media studies and film studies will offer students the opportunity to engage with story and messaging in different mediums. English 9 focuses on developing literary analysis and critical thinking and therefore develops organized, literary writing skills. It is the goal of English 9 to draw students into a deeper understanding of humanity and an appreciation for the creativity behind all types of texts. For this course, there is a final exam in June.

Math 9

In Math 9, students are introduced to concepts which will provide the foundation for future pre-calculus classes. Units on rational numbers, exponents, polynomials and linear relations all add to this foundational learning. Units with practical applications, including scale factors, banking and budgeting, and data analysis are also undertaken, with project-oriented components that give students the opportunity to see how math skills aid in finding creative solutions to problems and goals faced by individuals and society.

Science 9

Biology, chemistry, physics, and earth science comprise the Science 9 course. The biology section consists of an in-depth study of reproduction and cell division. The chemistry portion investigates trends in the periodic table and naming and writing chemical formulas for compounds. A study in electricity and solar radiation engages students in the physics section. And an exploration into Earth's interconnected spheres wraps up the year. Throughout, students will make connections between science and faith by considering what they can learn about God through creation, reasons why Christians should be interested in sciences, and what it means to do science in a Christian way. Safety and the scientific method are woven through each section.



Social Studies 9

Social Studies 9 consists of 5 interrelated aspects: identifying an issue, gathering interpreting, analyzing, and presenting information, and practicing active citizenship. Students will study 17th century Europe (French Revolution, Napoleon, and Industrial Revolution). Students study the geography of North America, the Native Peoples of Canada, the role of the fur trade in shaping Canada, and the American Revolution. In society and culture students compare cultures over time. In politics and law, students develop an understanding of political and legal structures and processes, and an appreciation for the social purpose of laws in a variety of societies. In economy and technology students develop a basic understanding of economic concepts and systems. Final school exam is written in June.

Bible 9

With four main units to our Bible 9 course, we start off with a look at the fundamental basics of following Jesus as a part of the Church. As we learn about the Biblical concepts of fearing God, following Jesus, Holy Spirit, fellowship, teaching, prayer and communion, we do a comprehensive overview of the life of God's servants in the church. As we continue learning more specifically about Bible study methods, we then do an in-depth study of the Gospel of Mark. In this unit, students will explore questions of "Who is Jesus?" and "What does it mean to follow Him?" Our final unit for the year is focusing on attitudes and actions of grace and forgiveness in our present lives. We will explore together Jesus' exemplary life, death and resurrection, discussing the implications throughout.

PE 9

Physical Education at Lions Gate strives to develop a sense of joy and excitement through physically active play, a wide variety of motor skills, an appreciation and enjoyment of human movement through an active lifestyle and the concept of fitness and well-being. The goal of Physical Education is to help students understand the importance of physical activity as well as developing skills and interests that will encourage a healthy and happy lifestyle. Students will acquire appropriate knowledge and skills for participating actively, effectively, safely, and responsibly in a wide range of individual and team activities, games, and rhythmic movement activities. This course includes off campus activities.



Computers ICT 9

Students develop attitudes, skills and knowledge needed to love, learn and work effectively in an information-rich technological society. Students are encouraged to enjoy and value information and communications technologies, develop Godly habits of thinking, and understand and appreciate the role of computer technologies in life.

Students expand on what they started in ICT 8 developing their abilities in 3D design for both 3D printing and animation, coding, robotics, creating text adventure games, and creating and using templates. Students use a variety of information technology tools to access information and apply information technology to all walks of life, including education and recreation, and to future careers. They identify and describe various information technology tools related to careers. As a Christian community, it is most important that teachers model and students demonstrate an understanding of ethics and acceptable use of information when accessing and processing information. Students apply information technology tools in research.

Visual Arts 9

Creativity is a core communication skill which enables students to stand out in a team and builds concentration. This course offers art foundations content through the formal skills of drawing and painting, 3D design, art history and critique. Visual Arts 9 builds on the concepts and skills covered in Art 8. Students create and respond to many 2D and 3D images using a variety of media. Students develop their critical thinking skills as they problem solve and express ideas through sketchbook studies, conceptualizing different parts of the creative process. Students also participate in creating the school Yearbook on Publisher software. Art projects are displayed at the Interactive Fine Arts Evening. Visual Arts 9 is a recommended course for further study in art.



Home Economics 9

This course builds on the two applied design skills introduced in Home Economics 8: food studies and sewing and textiles. Students will develop their understanding of kitchen safety, sanitation, food preparation practices, the study of pathogenic microbes, food marketing and trends, balanced eating, baking, simple meals, First People's traditional food use, and factors that influence food choices. Students will also have opportunity to serve others through Home Cooking assignments and baking for school events. They will enjoy demo days, cooking labs, guest speakers, and field trips. The sewing and textiles portion of the course will occur in a few mini units throughout the year. During these mini units, students will develop their basic hand and sewing machine stitches from Grade 8 while completing a few basic projects.

Concert Band 9

Concert Band allows students to expand their musical skills in an ensemble setting. Intermediate band repertoire, specifically chosen for the level of the class, challenges students to reach a higher level of playing and performance. Students enjoy the same social atmosphere and camaraderie that is part of every musical ensemble and contributes to the 'team' approach of learning. The majority of class time is spent combined with the multi-grade (8-10) group, which makes up the core of the junior concert band. The remaining class time is spent on student-driven performances, where they are given the opportunity to orchestrate and perform pieces outside of the concert band genre, on instruments of their choosing, such as orchestral instruments, vocal, and other non-conventional instruments. Though not mandatory, students are recommended to have at least one year's experience on their instrument of choice and should be able to read music.

French 9

Students work on French grammar through written exercises as well as games and oral participation. Expanded vocabulary is introduced and practiced continually. Students read various excerpts and hold group discussions on topics such as teenage life in different regions of France, French Territories outside of France, Africa, Quebec, and other French regions of North America. In speech and in writing, students will use appropriate expressions and begin to clarify time (eg: present, past and future tense) when preparing and presenting short dialogues.

**** We strongly recommend that students continue with the study of French through Grade 11 to ensure post-secondary entrance requirements are met.**

Outdoor Education 9 –Elements **

A well-rounded Christian education, in beautiful British Columbia, includes an understanding and respect for the world in which we live. Learning safe and environmentally friendly ways to enjoy the outdoors is of great value. Our outdoor education program offers opportunities to learn more about God's creation while participating in a variety of outdoor activities.

Foundational studies (Math, Sciences, Social Studies and Language Arts) and a Christian worldview are integrated throughout this course both within and beyond the classroom. The potential for significant personal growth while dealing with the challenges and joys of participating in outdoor activities cannot be underestimated.

Activities include hiking, backpacking, canoeing or kayaking, biking and bike maintenance and winter activities such as snowshoeing or cross country skiing. These activities are built upon instruction in outdoor safety and skills including minimum impact camping, outdoor cooking, first aid, map and compass use, weather interpretation, snow shelter construction, paddling and rescue techniques.

** Outdoor Ed 9 Fee per Trimester \$300. Total \$900 per year. Students must complete an application for entry into the ELEMENTS program.



Grade 10 Focus – Big Faith Questions and Lessons in Leadership

Grade 10 Course Guide

Based on Ministry of Education & Graduation Requirements

Foundation Studies: 24 credits

All students will enrol in:
English (Literary Studies and Composition) 10
Social Studies 10
Science 10
a Mathematics 10 (see page 6)
Physical and Health Education 10
Career Life Education 10

LGCA Required Courses: 4 credits

All students will enrol in:
Bible 10

Elective Courses: 8 credits

Students choose 2 of the following electives:
French 10
Visual Arts 10
Food Studies 10
Concert Band 10
Outdoor Education 10

Provincial Assessments

Numeracy 10 Assessment
Literacy 10 Assessment

Grade 10 students need 20 service hours from a variety of sources.

Students are required to complete an Indigenous-focused course before they graduate.

English (Literary Studies and Composition) 10

Literary Studies and Composition 10 builds students' writing competencies by introducing them to varied structures, forms, and styles of compositions. Students have opportunities to individually and collaboratively study, create, and write original pieces, exploring audience and purpose. They also develop their craft through processes of drafting, reflecting, and revising. Building on their analysis skills, students 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. Investigating ideas around social dynamics and social injustice is an important theme students explore. Furthermore, in class discussions and debates are an integral part of the course. Students are expected to read at least four suitable novels during the course of the year.

Foundations of Mathematics and Pre-Calculus 10 *(Prerequisite: 67% or better in Math 9)*

Students begin by solving problems that involve linear measurement, applying proportional reasoning to problems, and solving right triangles using trigonometric ratios. Next, the focus is on algebra and numbers where students demonstrate an understanding of factors, irrational numbers, powers with integral and rational exponents, multiplication of polynomial expressions, common factors and trinomial factoring. Relations and functions lead us to interpret and explain the relationships among data, graphs, functions, slope of a line, and linear relations including intercepts, domain and range. The students will also use function notation to solve problems that involve systems of linear equations in two variables. This is a recommended prerequisite for Pre-Calculus Math 11.

Workplace Mathematics 10

This pathway is designed to provide students with the mathematical understandings and critical thinking skills needed for entry into the workforce. Topics include algebra, geometry, measurement, statistics and probability. Students in Workplace Math 10 solve problems that involve decimal and fractional measurements and area of 2D and 3D shapes. Students analyze puzzles and games that involve spatial reasoning using problem-solving strategies. Students apply their understanding of the Pythagorean Theorem and basic trigonometric ratios to solve problems. Life economics related wages, commissions and payroll deductions are explored and applied.

Social Studies 10

Social Studies 10 is an overview of the history of Canada from 1815 - 1914. This course provides students with an opportunity to critically reflect upon historical events and issues. The contributions of Aboriginals, French, English and global immigrants in the development of Canada are examined. Events in the development of Canada as an autonomous nation (Rebellions in Upper and Lower Canada, and Road to Confederation) are also explored. Following the study on the western expansion of Canada, a geography unit looks at Canadian economy and the regional resources.

Science 10

Science 10 delves into four different areas of science: genetics, chemical reactions, kinematics, energy transformations, and the Big Bang. We start off the year with kinematics, learning about how things move and function in our world. This leads into the idea of energy transformations, where we learn that there are many types of energy and that energy cannot be created nor destroyed. It can only be transferred and transformed. From there, we look at the building block of matter. We examine how atoms are rearranged in chemical reactions to form new and different compounds. We look at the different types of chemical reactions as well as energy changes in reactions. In genetics, we look at the building blocks of all living things in God's creation: DNA. We learn about the structure of DNA then "zoom out" to genes and chromosomes, and then to physical traits of organisms. From there we examine how genes are passed on from generation to generation and how that influences both natural and artificial selection. We finish the year studying the Big Bang and the creation of the universe. Examining the mechanisms that God used to create the cosmos.

French 10 **

Students participate in conversations and present short dialogues on a variety of topics pertaining to the francophone world. Students will expand their vocabulary and understanding of French grammatical structures through discussion of various texts read in class. As students show a growing independence in oral and written language, more emphasis is placed on French being the language of communication within the classroom to the best of each student's ability. Students also develop written skill through authentic activities (eg: expression of personal opinion or experience).

**** We strongly recommend that students continue with the study of French through Grade 11 to ensure post-secondary entrance requirements are met.**

Bible 10

In this class, students will continue their discovery of a personal relationship with Jesus. Students will explore the benefits of walking with God and how our relationship with Jesus helps us in our daily challenges. This class, to a large degree, defines who we are at Lions Gate Christian Academy – *"rooted in the teachings of Jesus, where all students are loved, challenged and equipped to be purposeful contributors in their communities."* We begin the year with the Alpha course, walk through the book of Luke and conclude with a study of leadership (through Paul and other leaders of the Bible). We also work together to find authentic opportunities to serve others (for example, through baking for school events, volunteering at the Fraser Valley Gleaners, welcome events with the Grade 7's, crocheting clubs and more).

Career Life Education 10

In Career Life Education 10 students explore individuals' ambitions by choosing prospective post-secondary institutions and their specific high school requirements for acceptance. We prepare to enter the job market by learning how to find job postings, update resumes and cover letters followed by practice job interviews. With the money earned from a successful job application, students learn about living expenses and the importance of financial planning for their academic futures. We broaden our study into physical and emotional wellbeing by discussing how to maintain a healthy body and healthy relationships. Career Life Education begins a journey of personal awareness and responsibility of choices made preparing for post-secondary transition either into the working or academic world. Students are also expected to fulfill 20 hours of volunteer experience during the school year.

Physical and Health Education 10

Physical and Health Education 10 develops a sense of joy and excitement through physically active play, a wide variety of motor skills, an appreciation and enjoyment of human movement through an active lifestyle and a healthy concept of fitness and well-being. The goal of Physical and Health Education is to help students understand the importance of physical activity as well as develop skills and interests that will encourage a healthy and happy lifestyle. Students develop appropriate knowledge and skills for participating actively, effectively, safely, and responsibly in a wide range of individual and dual activities, games, and rhythmic movement activities. Course content will follow the seasons of play as set out by BC School Sports (fall, winter, and spring). Off-campus trips will be incorporated into the curriculum to help broaden the spectrum of experience related to physical education.

Foods Studies 10

This course focuses on whole body nutrition, food preparation techniques, and the skilful use of equipment. Cooperative skills are fostered through lab work and research projects. Students will learn the essential nutrients the body needs to function optimally and are inspired to prepare balanced, nourishing meals. This course includes both theory and lab work. Classes investigate specific topics of interest facilitated by the teacher, observe demonstrations, and show their learning through labs. Many cooking and baking methods are included, along with meal planning, budgeting and marketing, food trends, cultural eating practices, First Nations stewardship, and how global food systems operate. Along with demonstrations and cooking labs, students will enjoy guest speakers and field trips.



Outdoor Education 10 – Elements **

A well-rounded Christian education, in beautiful British Columbia, includes an understanding and respect for the world in which we live. Learning safe and environmentally friendly ways to enjoy the outdoors is of great value. Our outdoor education program offers opportunities to learn more about God's creation while participating in a variety of outdoor activities.

Foundational studies (Math, Sciences, Social Studies and Language Arts) and a Christian worldview are integrated throughout this course both within and beyond the classroom. The potential for significant personal growth while dealing with the challenges and joys of participating in outdoor activities cannot be underestimated.

Activities include hiking, backpacking, canoeing or kayaking, biking and bike maintenance and winter activities such as snowshoeing or cross-country skiing. These activities are built upon instruction in outdoor safety and skills including minimum impact camping, outdoor cooking, first aid, map and compass use, weather interpretation, snow shelter construction, paddling and rescue techniques.

** Outdoor Ed 10 Fee per Trimester \$300. Total \$900 per year. Students must complete an application for entry into the ELEMENTS program.



Concert Band 10

Concert Band allows students to expand their musical skills in an ensemble setting. Intermediate band repertoire, specifically chosen for the level of the class, challenges students to reach a higher level of playing and performance. Students enjoy the same social atmosphere and camaraderie that is part of every musical ensemble and contributes to the 'team' approach of learning. The majority of class time is spent combined with the multi-grade (8-10) group which makes up the core of the junior concert band. The remaining class time is spent on student-driven performances, where they are given the opportunity to orchestrate and perform pieces outside of the concert band genre, on instruments of their choosing, such as orchestral instruments, vocal, and other non-conventional instruments. Though not mandatory, students are recommended to have at least one year's experience on their instrument of choice and should be able to read music.

Visual Arts 10

Creativity is a core communication skill which enables students to stand out in a team. This course offers art foundations content through the formal skills of drawing and painting, 3D design, art history and critique. This course supports and develops skills introduced in Art 9. Students do an in depth study of various artists. Their development of ideas often includes themes of identity and imagination which they are able to express more confidently. In art critiques, students describe the main elements that contribute to a work's success and provide written self-evaluations. Students enhance their photography skills in Visual Arts 10 and work on a set number of portfolio pieces in different media. In addition, students participate in creating the school Yearbook on Publisher software. The LGCA community celebrates these art projects when they are presented at the interactive Fine Arts Evening.



Grade 11 Focus – The Gospel, Culture, and Living in Community

Grade 11 Courses

Based on Ministry of Education & Graduation Requirements

Foundation Studies: 20 credits

All students will enrol in:

English First Peoples 11
Social Studies 11
a Mathematics 11 (See page 8)
Career Life Connections 11 (completed outside the regular timetable)

LGCA Required Courses: 4 credits

All students will enrol in:

Bible 11

Foundation Studies Science: 4 credits

Students must choose at least 1 of the following Science 11 courses:

Life Sciences 11
Chemistry 11
Physics 11
Earth Science 11

25 Service hours are required from a variety of sources

Students are required to complete an Indigenous-focused course before they graduate.



Grade 11 Focus – The Gospel, Culture, and Living in Community

Grade 11 Courses

Electives: 8 credits *

| Modern Language Electives | Fine Arts Electives | Applied Skills Electives |
|---|--|--|
| French 11 | Art Studio 11 Concert Band 11 Photography 11 | Food Studies 11 ICTX 11 Desktop Publishing (Yearbook) 11 |
| Career Prep Electives | | Physical Education Electives |
| Work Experience in Grade 11 Work Experience must be approved by the Principal before a student can be scheduled into the course. | | Fitness and Conditioning 11 |

*Please note that electives are dependent on student choices/enrolment.

Grade 11 students may also select certain Grade 12 electives such as Law 12, BC First Peoples 12, and 20th Century World History 12. Please see other Grade 12 elective courses list.



English (Literary Studies) 11

Students in English 11 are exposed to a wide range of fiction and non-fiction texts in order to provide opportunities for critical study and literary appreciation. Various novels, short stories, poetry, and a Shakespeare play are studied in detail. Writing skills are developed through integrative assignments with an emphasis on formal essay writing. Oral presentations and class discussion are integral parts of the course. Reading skills are honed through in-class readings as well as independent reading assignments. The final evaluation will be a school exam written in June.



English First Peoples Literary Studies and Writing 11

English First Peoples Literary Studies and Writing 11 is designed for students who are interested in studying First Peoples literature and using writing for self-expression and communication in a variety of contexts. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own writing. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful compositions. Through the study of literature and the processes of experimenting with, reflecting on, extending, and refining their writing, students: extend their capacity to communicate effectively in a variety of contexts, deepen their understanding of themselves and the world, and expand their understanding of what it means to be educated Canadian and global citizens.

This course meets the Indigenous-focused graduation requirement.

Pre-Calculus 11 (Prerequisite: 67 % or better in Foundations & Pre-Calculus 10)

Pre-Calculus 11 is a recommended prerequisite for Pre-Calculus 12 and encompasses a study of patterns and relations specifically evaluating variables and equations. Students use equations to represent and analyze situations that involve expressions, equations, and inequalities. Students explore relations and functions to represent and analyze quadratic polynomial, and rational functions. 3-D objects and 2-D shapes are used to solve coordinate geometry problems involving points, lines and line segments. Finally, students develop and apply the geometric properties of circles to solve problems. The final evaluation will be a school exam written in June.

Foundations of Mathematics 11

Foundations of Math 11 is designed to assist **students with developing, demonstrating and applying mathematical understandings** that are identified for post-secondary studies in programs that do not require the study of theoretical calculus.

This course is accepted as a Grade 11 mathematics credit for graduation and as a prerequisite for many college or university programs in Arts or Social Sciences. Topics covered are Financial Mathematics, Statistics, Scale models, Mathematical Reasoning, Angle Relationships, Quadratic Functions, and Systems of Equations and Linear Inequalities.

Workplace Mathematics 11

This pathway is designed to provide students with the mathematical understandings and critical thinking skills needed for entry into the work force. Topics include surface area, volume and capacity problem solving, problems that include two and three right triangles and scale. Students draw 3-D objects and explode views to indicate component parts. Students analyze puzzles and games that involve numerical reasoning using problem solving strategies. Personal and living skills regarding finances include calculating interest, compound interest, commissions, and understanding financial institution services. Problem solving using a variety of graphs are included in this course. The final evaluation will be a school exam written in June.

Bible 11

Bible 11 explores the constructs of ethnicity and culture from a gospel centered perspective. It is the goal of Bible 11 to foster an appreciation for different perspectives and experiences within our own communities and within other communities. Students examine and identify their personal values, strengths and abilities and determine ways they can contribute to their local community and global community. In Bible 11 we ask big questions such as what is the Christian's responsibility regarding the Great Commission? What does it mean to be a servant leader? How can we best advocate for marginalized people? One of the key goals throughout the Bible curriculum at Lions Gate Christian Academy is to instill a love and awe for God, His Word, and His people - which are ALL the peoples of the earth. This course supports students in their understanding and application of the inherent Christian truths that form our school's mission statement.

"In Revelation, God gathers up within God the full range of the world's ethnic diversity ...no one ethnic grouping can bear or manifest the full image of God. It takes all of us." (Darrell Johnson)

Service Trip 11

At LGCA students study and integrate the teachings of Jesus into their lives as they come to know who he is and how he loves them unconditionally. Jesus lived a life of compassion and service often seeing those who are unseen or forgotten or struggling. From Bible 8-12 students reach out to the local community through service. In the Bible 11 course, students will participate in an immersive humanitarian trip. This important field work will provide an opportunity for students to meet incredible people in another culture and to trust God to lead them as they serve with humility and compassion. Over the course of 7 - 10 days, the students can serve through building projects, drama, dance, music, and sports ministry. In recent years, students partnered with communities in Guatemala with Hijos de Dios and also partnered with First Nations communities with NAIM (North American Indigenous Ministries.) This important mentoring experience provides a foundation for their Capstone Project in Grade 12 which is a graduation requirement from the Ministry of Education. The service trip for 2024-25 will be determined by opportunities available to us. Previous international trips have included Mexico, Philippines, and Guatemala.



Earth Science 11

Psalm 19:1-6 - The heavens declare the glory of God; and the firmament shows His handiwork. This course will provide a wonderful opportunity to look at God's Creation and lead us to a new understanding of the glory, goodness and power of our Lord. Introduction to the significance of Earth and space science, careers in this field and the various branches of Earth Science begin the course study. Next, astronomy explores the relationship between the sun, the Earth, and its moon, methods used to study the universe, and an assessment of space technologies and their applications. Students investigate the differences between rocks and minerals, and assess the extraction and use of geological resources. The significance of seismology, comparing extrusive and intrusive volcanic features and actions, and outlining the development of plate tectonic theory is timely and geographically significant. Finally, students study the atmosphere: the function of the hydrologic cycle, the processes associated with weathering and erosion to the resulting features, and features and processes associated with physical oceanography.

Life Sciences (Biology) 11

“And out of the ground the Lord God formed every beast of the field, and every bird of the air; and brought them to Adam to see what he would call them.” (Genesis 2:19) Students explore all living organisms ranging from microscopic monera (bacteria) and other microbes to multi-cellular plants (angiosperms and gymnosperms) and animals. The course involves a variety of dissections to explore the differences between body systems and a study of inter-relationships of organisms within an ecosystem. Students will note specific developments that enable organisms to survive in a diversity of habitats and climates. This study will further support how amazing the Lord is and how we have come to classify each one of God’s creatures. The final evaluation will be a school exam written in June.



Bamfield Marine Sciences Centre Trip

Physics 11 (Corequisite: Pre-Calculus 11)

Physics 11 is an overview of the basic theories designed to explain visible and invisible phenomena. The course starts with the field of kinematics (how objects move) and moves to dynamics (why objects move). Topics covered will include velocity, acceleration, projectile motion, forces of friction, gravity, and conservation of momentum. The course continues with a study of the invisible when concepts such as energy are explored. Topics covered will include mechanical energy, heat energy light energy and nuclear energy. This course prepares students to analytically build an understanding of how processes in our world work. Students are strongly recommended to have a minimum of “C+” in Foundations of Math 10 and Science 10. This course is a prerequisite for Physics 12.

Chemistry 11

“You shall make of these an incense, a compound according to the art of the perfumes, salted, pure and holy.” (Genesis 30:35) Just as the Lord directed Moses with a specific combination of chemicals to make the anointing incense for the Tabernacle, we study in Chemistry 11 how elements interact to make specific compounds. First this course reinforces appropriate safety techniques and proper use of protective equipment in the lab while developing skills in measuring and recording data followed by communicating the experimental results in a clear and understandable form. This course begins with a review of the periodic table, the elements, and the difference between physical and chemical reactions. Then a study of the mole concept is used to perform calculations involving molarity and the identification of unknown substances. Balanced equations are used to describe reactions in terms of energy changes and stoichiometric calculations. The course concludes with a look at the structure of atoms and a brief look into organic chemistry. This course is a highly recommended prerequisite to Chemistry 12. The final evaluation will be a school exam written in June.



Explorations in Social Studies 11

Social Studies 11 will explore the development of our country from the turn of the 20th century, through both World Wars, and up to the present time. We will also examine our government system and dive into issues regarding human geography. These lessons will be supplemented with activities designed to foster the development of your creative thinking and life-long skills. Students will understand how Canada developed as a country from the early 1900s up to the present times, what it went through politically, socially, and economically. The course shall stimulate critical thinking as a way of solving problems and to develop skills, which include mind mapping, cause and effect analysis, problem solving, and debates.

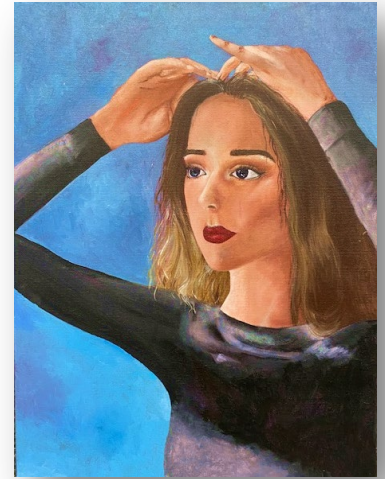
French 11

At this level, students engage in more in-depth study of grammar, verb tenses and conjugation as well as learning new vocabulary. Students interact in French with growing confidence in familiar situations drawn from real life. They develop and apply various strategies to enrich their vocabulary. Students use a range of practical vocabulary, including idiomatic expressions, and link statements in past, present and future time in speech and in writing. Students exchange opinions on topics of interest and describe or narrate situations and experiences.

Art Studio 11

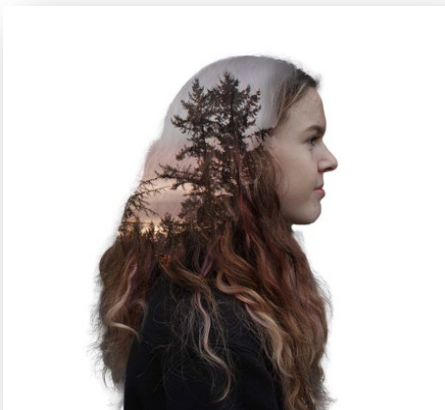
Creativity is a core communication skill which enables students to stand out in a team. This course offers studio content through the formal skills of drawing and painting, 3D design, art history and critique.

Art Studio 11 is a comprehensive course designed to increase communication and reflective practice on cultural or socioeconomic themes and current events. Students develop confidence in creating and responding to a variety of 2D and 3D images in both traditional and contemporary art forms. Practical skills and content are tailored to the needs and interests of enrolled students who will select materials and methods which add meaning to the themes they explore. Painting or sculpture may be replaced by printmaking or art installation as space permits.



Photography 11

This class introduces the fundamentals of digital cameras and SLR cameras and the art of viewing and capturing the world more carefully. Photography is simply great fun, but it is not just about pointing and pressing a button; it's a creative decision-making process. Getting you prepared to see and capture great photographs is what this course is about. This course suits students who enjoy storytelling, Art, landscapes, portraits, still life and much more. Upon completing this course you will be able to use: Digital Imaging to improve, modify, and edit your photos; latest digital cameras; your knowledge of the elements and principles of photo composition with plenty of hands on experience. Ultimately you will create many stunning images. Students must have their own digital camera to take this course. Students are not allowed to take Photography twice (once in grade 11 and once in grade 12).



Desktop Publishing (Yearbook) 11

The primary focus of this course is the production of the LGCA yearbook. Students will have the opportunity to work together as a team to meet deadlines, have input into the yearbook content, take photos, and create the layout for each page. Teacher approval is required for entry into this class. Experience with Adobe InDesign and Photoshop, as well as written communication skills are recommended. Evaluation will be based on general computer skills, organizational and leadership skills, communication skills, yearbook publications skills, and photography skills. Students who are interested in creating a memorable yearbook are encouraged to take this course.

Food Studies 11

This course expands the students' knowledge of nutrition, food preparation techniques, ingredients used in recipes, and the skillful use of equipment. Food safe principles are practiced in the classes. Students use nutritional principles to understand recipe development and modification and gain a further understanding of how ingredients function within a recipe. Classes investigate specific topics of interest facilitated by the teacher, observe demonstrations, and show their learning through labs. In addition to practicing more cooking and baking methods, students will learn about various cultural foods and from them prepare balanced, nourishing meals. Other curriculum topics include access to safe and nutritious food, role of government in the food industry, and the impact of food marketing and promotion. Along with the demonstrations and cooking labs, students will enjoy guest speakers and field trips

Concert Band 11

Concert Band 11 allows students to expand their musical skills in an ensemble setting. Band repertoire, specifically chosen for the level of the class, challenges students to reach a higher level of playing and performance. Students enjoy the same social atmosphere and camaraderie that is part of every musical ensemble and contributes to the 'team' approach of learning. As this is a multi-grade (11-12) and multi instrument ensemble, the music we perform and the activities we pursue are dependent on the actual instruments and skill level of the students who make up this class. As with junior band, students in the senior band will spend a portion of their class time on student-driven performances, where they are given the opportunity to orchestrate and perform pieces outside of the concert band genre, on instruments of their choosing, such as orchestral instruments, vocal, and other non-conventional instruments. Students in this ensemble must have at least one year's experience on their band instrument and must be able to read music.

Music Composition and Production 11 (not offered every year)

Music Composition and Production 11 is designed to explore and build skills in creating, recording and distributing your own music. The course will begin with learning or extending functional skills on keyboard or guitar, which the student can use as the foundation for their composing and recording projects. Important music theory concepts will be explored, with immediate application to the work the students are doing. Students will learn about the process of recording, primarily using Soundtrap, an online recording platform, which allows for teacher involvement and student collaboration from remote locations. Students will also research and analyze recordings of artists of their choice, in order to gain ideas for their own compositions and productions.

Computer Programming 11 Online Course

Computer Programming 11 is the study of how computers solve problems. You will learn to break down complex problems, construct algorithms, and program solutions. You will learn to read, trace, and construct simple code, as well as creating your own code to solve a problem. Students wishing to take this course must be in good academic standing and have permission from the academic advisor.

Fitness and Conditioning 11

Fitness and Conditioning 11 develops: a sense of joy and excitement through physically active play, a wide variety of motor skills, an appreciation and enjoyment of human movement through an active lifestyle, and a healthy concept of fitness and well-being. The goal of Fitness and Conditioning 11 is to equip students with the knowledge and skills necessary to make independent choices that promote and celebrate a healthy and happy lifestyle. Students undertake the responsibility of helping shape the course content based on their specific interests, strengths, and abilities. Course content will generally follow the seasons of play as set out by BC School Sports (fall, winter, and spring). Emphasis is placed on the development of leadership skills through community service, wherein students are required to complete a minimum of 15 hours. Off-campus activities are focal points of this course offering.



Active Living 11/12 (New for 2024-2025)

The aim of “Active Living 11/12 - LGCA’s Volleyball Academy/Class” is to develop students’ knowledge, skills, and attitudes in the game of volleyball, as well as enhance students’ quality of life through Active Living. This course is for students who are seriously interested in improving their individual skills and team strategies. Students working together and helping each other improve their skills will be stressed throughout the course. Genesis 1:28 states “that we are made in the image of God.” 1 Corinthians 3:16-17 states that “believers are to view their bodies as temples of the Holy Spirit and to care for them.” Students need to continue to develop the understanding that our body is not ours but the Lord’s and we need to do all that we can to take the best care of it for He dwells inside of us. Students will get the opportunity to improve in the game of volleyball, and also to referee, score-keep and develop coaching/leadership skills.

Grade 12 Focus – Authentic Faith in a Real World

Grade 12 Course Guide

Based on Ministry of Education & Graduation Requirements

To meet graduation requirements students must have a minimum of 16 credits at the Grade 12 level (including English 12). Refer to page 4 of this guide to plan courses.

Foundation Studies: 4 credits

All students will enrol in:
English Studies 12
Career Life Connections 12



LGCA Required Courses: 4 credits

All students will enrol in:
Bible 12



Students will write the Literacy 12 Assessment

| Foundations Electives | Fine Arts Electives | Applied Skills Electives |
|---|---|---|
| Life Sciences 11 or Anatomy and Physiology 12 Chemistry 11 or 12 Physics 11 or 12 AP Physics Pre-Calculus 12 Calculus 12 AP Calculus Foundations of Math 12 Literature (Literary Studies) 12 AP Literature and Composition 20 th Century World History 12 Geography 12 Social Justice 12 Law 12 French 11 or 12 Fitness and Conditioning 12 Entrepreneurship 12 | Art Foundations 11 or 12 Concert Band 11 or 12 Music Composition 11 Photography 11 or 12 | Food Studies 11 or 12 Desktop Publishing (Yearbook) 12 |
| | Career Prep Electives Work Experience 11 or 12 ** Work Experience must be approved by the Principal before a student can be scheduled into the course. | AP Courses AP Calculus AP History AP Literature and Composition AP Physics Or any other grade 11 elective |

Please note that electives are dependent on student selection. Students are required to complete 30 service hours and a Capstone Project.

English Studies 12

English 12 continues to refine students' critical thinking skills and their ability to analyze literature. Students will study and respond to literature in a variety of genres: one or two novels, essays, poems, short stories and plays. Writing skills are further developed with emphasis being placed on expository writing and literary essays. Oral communication skills and class discussion are integral parts of the course. Students will write the Literacy 12 Assessment.

Literary Studies (Literature) 12

If you enjoy literature, then this course is for you. Literature 12 surveys the history of English literature from the Anglo-Saxon Beowulf through to the twentieth century. Students gain a cultural and historical perspective on the greatest works of English literature and in doing so, discover how truly connected we are with bygone eras and people. Students explore Chaucer, Marlowe, Shakespeare, Milton, Blake, T.S. Eliot, Austen, Huxley, Atwood, and more on their journey to developing their critical thinking skills. Art, music, and film are also used to bring these master works to life and connect them to more recent events and publications.

Literary Studies 12 provides a highly practical background for future studies in the Humanities and Social Sciences and qualifies as an 'academic 12' in all post-secondary institutions in BC. Literature 12 is an elective course and does not replace English Language Arts 12. Students enrolled in Literature 12 have the option of writing the **AP English Literature and Composition** exam in May.

French 12

Students continue to engage in more complex learning activities that seek to broaden and enrich their understanding of French language and culture. Students use a variety of resource and reference materials for clarity of comprehension, expression, and completion of tasks. Students use a wide range of vocabulary, idiomatic expressions in past, present and future time in speech and in writing. Students participate in cultural activities related to the curriculum and they demonstrate an advanced understanding of French cultures. Classes are designed to encourage both written and oral interactions.

20th Century World History 12

History 12 involves the study and understanding of the 20th century through the examination of various source materials. Students develop an appreciation for change and its impact on human development. Students study various themes such as nationalism, imperialism, war, revolution and interactions in the context of topics such as World War I and II as well as the post-war era, the Cold War. Students develop an awareness of the world, and acquire skills associated with research, role playing, writing of essays and document analysis that will prepare them for the environment of post-secondary education. Extra Costs: \$30 for History 12: Student Workbook.

Law 12

Foundations of Law 12: Students learn about the role of law in regulating their lives and the institutions that create and enforce the law. Students learn to become informed, law-abiding citizens who can participate in law-related discussions, recognize the legal rights and freedoms of Canadian citizens, and think critically about the evolution of the Canadian law system.

Criminal Law: Students learn why society criminalizes certain behaviours, what constitutes a crime, and how society deals with criminal behaviour. Students will be able to analyse criminal law cases in order to determine the legal provisions that apply, identify a criminal defense, and assess appropriate sentencing options.

Civil Law: Students learn about two broad areas of the law – tort law and contract law – that regulate the conduct of individuals and organizations in relation to one another, and the standards of conduct established in those two areas of civil law. Students learn to identify civil law principles and remedies that apply to a particular case, and to identify appropriate courses of action to resolve legal issues.

Geography 12 (Not offered every year)

Geography is a discipline that addresses both the physical and human-created systems of the world through the study of people, places, and environments. The geographically literate student is able to interpret the landscape and understand the interconnections between his or her actions and the Earth's physical systems. The course is designed to prepare students to rational decisions regarding the management of the earth as they become responsible citizens in a rapidly changing world. Units of study include: Geomorphology (plate tectonics, volcanism, glaciations, erosion, and weathering), Climatology (weather and climate), Cartography (interpretation of topographic maps, aerial and satellite images), and Environmental Studies (biomes, resources and environmental sustainability).

Workplace Mathematics 12

Students explore limitations of measuring instruments for precision, accuracy and tolerance to solve problems. Students use sine and cosine laws to solve problems that involve triangles, quadrilaterals and regular polygons. Logical reasoning is applied in problem solving strategies in a variety of mathematical settings. Business options are critiqued considering expenses, sales, profits and loss. Students use graphing to recognize and predict patterns and trends and demonstrate and understanding of probability using mean, median, mode and percentiles.

Foundations of Math 12

“Who has measured the waters in the hollow of his hand, or with the breadth of his hand marked off the heavens? Who has held the dust of the earth in a basket, or weighed the mountains on the scales and the hills in balance?” (Psalm 40:12). Students develop skills using trigonometric ratios to solve questions using angles in standard position and to derive commonly used equations i.e. the equation of a circle. Using principles of relations and functions, students graph exponential, logarithmic, radical and polynomial functions then proceed to translate and stretch them. The final topic is permutations, combinations and binomial theorems. A graphing calculator is necessary for this course. The final evaluation will be a school exam written in June.

Pre-Calculus 12 (Prerequisite: 67% in Pre-Calculus 11)

“Who has measured the waters in the hollow of his hand, or with the breadth of his hand marked off the heavens? Who has held the dust of the earth in a basket, or weighed the mountains on the scales and the hills in balance?” (Psalm 40:12). Students develop skills using trigonometric ratios to solve questions using angles in standard position and to derive commonly used equations i.e. the equation of a circle. Using principles of relations and functions, students graph exponential, logarithmic, radical and polynomial functions then proceed to translate and stretch them. The final topic is a permutations, combinations and binomial theorems. A graphing calculator is necessary for this course.

Calculus 12 (Prerequisite: 80% in Pre-Calculus 11; Corequisite Pre-Calculus 12)

Calculus 12 is a unique approach to math that allows for a wide variety of real world problems to be studied. Calculus is the study of change. In this course the concepts of limits, derivatives, integrals and infinite series will be explored. These concepts will be applied to solve real world problems of change in 2 dimensions.

AP Calculus is offered and the class decides as a group if they wish to complete this curriculum during the school year.

Physics 12 (Prerequisite: Physics 11)

Physics 12 is an overview of the fundamental elements of physics. Starting with kinematics and dynamics, the course builds on what was learned in Physics 11. New concepts in Physics 12 include: objects in circular motion, torque, impulse and equilibrium. The second part of the course focuses on electrostatics, electricity, electromagnetism and the applications of these phenomena. Students enrolled in Physics 12 have the option of writing the **AP Physics 1** exam in May.

Anatomy and Physiology 12

“From Him the whole body, joined and held together by every supporting ligament, grows and builds itself up in love, as each part does its work.” (Ephesians 4:16). The body is a complex system of dependent relationships comprised of a diversity of components. In Biology 12, students explore structure, compounds, DNA, proteins, membrane transportation and enzymes at the cellular level. This is the framework for studying the digestive, circulatory, respiratory, nervous, urinary and reproductive systems. Students perform experiments and dissections to further understand the anatomy of living systems and how these systems relate to each other. The final evaluation will be a school exam written in June.

Chemistry 12 (Chemistry 11 is recommended prerequisite for Chemistry 12)

“He is like a tree planted by streams of water, which yields its fruits in season and whose leaf does not wither. Whatever he does prospers.” (Psalm 1:3). Water is the principle solvent enabling natural and industrial chemical processes to occur. Chemistry 12 focuses on investigating the roles of water and other compounds in reaction kinetics (mechanics and rates) and the equilibrium shifts that occur between reactants and products in basic reactions of solute/solvent and acid/base reactions. Students learn common acid/base

systems such as the blood buffer system in our bodies. Oxidation/reduction reactions indicate some reactions are spontaneous while others require incentives. Students learn the economic benefits of reactions.

Bible 12

This class will prepare graduating students to join God on a lifetime adventure. Acknowledging that not all students are at the same place at the same time in their spiritual journey, this course will review the basics: the reason for God and what that looks like in an age of skepticism. Further, cultural views are explored with respect to Christianity. Finally, students will be able to know how to apply a Christian worldview in their lives. One of the key goals throughout the Bible curriculum at Lions Gate Christian Academy is to instill a love and awe for God and His Word. This course supports student development in understanding and application of the inherent Christian truths that form our school's mission statement.

Food Studies 12

This course expands the students' knowledge of nutrition, food preparation techniques, ingredients used in recipes, and the skilful use of equipment. Students use nutritional principles and practice to understand recipe development and modification to gain a further understanding of how ingredients function within a recipe. Through teamwork and research, students will have many opportunities to develop and critique their own recipe designs. Students will also have the opportunity to serve others through home cooking assignments, baking for school events and volunteering at the Fraser Valley Gleaners. In addition to practicing more cooking and baking methods, students will learn about various cultural foods and prepare balanced, nourishing meals. They will also have opportunity to work on practical assignments such as meal planning/budgeting or creating a recipe book of simple meals. Other curriculum topics include access to safe and nutritious food, role of government in the food industry, and the impact of food marketing and promotion. Bottom line: this is a very practical class for preparing for adulthood – for trying new techniques, creating and sampling different food and simply learning from mistakes!

Art Studio 12

Creativity is a core communication skill which enables students to stand out in a team. This course offers studio content through the formal skills of drawing and painting, 3D design, art history and critique. This course is designed for students who wish to continue art studies or who wish to add creative problem solving to other academic subjects. Students may experiment in various media and methods in five major areas of art: drawing, painting, sculpture, graphic arts (print making and digital arts) and mixed media. Skills continue to be developed in these major areas to further increase personal imagery, vocabulary, art history, and reasoned criticism. Assignments will be based on students' interests and abilities.

Concert Band 12 (Not offered every year)

Concert Band 12 allows students to expand their musical skills in an ensemble setting. Band repertoire, specifically chosen for the level of the class, challenges students to reach a higher level of playing and performance. Students enjoy the same social atmosphere and camaraderie that is part of every musical ensemble and contributes to the 'team' approach of learning. As this is a multi-grade (11-12) and multi instrument ensemble, the music we perform and the activities we pursue are dependent on the actual instruments and skill level of the students who make up this class. As with junior band, students in the senior band will spend a portion of their class time on student-driven performances, where they are given the

opportunity to orchestrate and perform pieces outside of the concert band genre, on instruments of their choosing, such as orchestral instruments, vocal, and other non-conventional instruments. Students in this ensemble must have at least one year's experience on their band instrument and must be able to read music.

Photography 12

This class introduces the fundamentals of digital cameras and SLR cameras and the art of viewing and capturing the world more carefully. Photography is simply great fun, but it is not just about pointing and pressing a button; it's a creative decision-making process. Getting you prepared to see and capture great photographs is what this course is about. This course suits students who enjoy storytelling, Art, landscapes, portraits, still life and much more. Upon completing this course you will be able to use: Digital Imaging to improve, modify, and edit your photos; latest digital cameras; your knowledge of the elements and principles of photo composition with plenty of hands on experience. Ultimately you will create many stunning images. Students must have their own digital camera to take this course. Students are not allowed to take Photography twice (once in grade 11 and once in grade 12).



Desktop Publishing (Yearbook) 11/12

The primary focus of this course is the production of the LGCA yearbook. Students will have the opportunity to work together as a team to meet deadlines, have input into the yearbook content, take photos, and create the layout for each page. Teacher approval is required for entry into this class. Experience with Adobe InDesign and Photoshop, as well as written communication skills are recommended. Evaluation will be based on general computer skills, organizational and leadership skills, communication skills, yearbook publications skills, and photography skills. Grade 12 students are expected and encouraged to take on more of a leadership role within the team. Students who are interested in creating a memorable yearbook are encouraged to take this course.

Entrepreneurship 12 (This is an applied skill and is not offered every year)

Entrepreneurial Concepts: Students learn analytical, research, and decision-making processes to assist them in determining the viability of business ventures. They learn to generate and evaluate ideas and to appreciate problems as potential learning opportunities. These skills help them understand and solve problems not only in business but also in other areas of their lives.

Business Plan Formulation: Students in teams learn to write business plans that describe what is to be done, why it is being done, when it will be done, who will do it, and how it will be done. They learn to consider elements such as operating strategies; organizational structures; administrative policies; operational processes; information management systems; and legal, ethical, and regulatory considerations. Students recognize that planning is essential for success. These skills help students achieve both business and career goals.

Business Plan Operation: Students implement and evaluate a mini-venture or major venture and gain an understanding of how businesses are established, maintained, and expanded. Students evaluate their operations and gain insight from their successes or failures.

Teamwork and Networking: Teamwork, networking, leadership, and self-organization skills help entrepreneurs manage human resources effectively. Through the process of initiating, planning, and implementing an entrepreneurial venture, students learn to value the contributions of all team members in its success or failure. They learn personal management, teamwork, and communication skills while also building self-esteem. As well, they learn to identify, use, and evaluate the role of personal networks.

Psychology 11/12 (Beginning 2025-2026)

This course is designed to learn about the human mind; what we believe as Christians distinguishes us as "made in the image of God." Throughout this course, we will be focusing on concepts such as why people think, feel, and act as they do. We will attempt to answer these questions by studying the science (neurobiology) behind the human mind, theories and principles of Psychology throughout history, the practices and techniques of counseling and other psycho-therapeutic interventions, as well as societal behavior patterns in relationships, personal growth, substance use, work habits and spiritual health, etc. This course is for those who are seeking to gain more understanding about themselves, others they interact with and societal patterns at large. Completing this course would be helpful for those seeking degrees and careers in fields such as entrepreneurship, marketing, human resources, education, writing, the trades, counseling, social sciences, medical services, ministry and many more.

Philosophy 11/12 (Beginning 2025-2026)

Students in this course will seek to explore, ponder and answer life's biggest questions for themselves. The five main questions that students will seek to understand in this course are, "*Where did I come from?*" "*Who am I?*" "*Why am I here?*" "*How should I live?*" and "*Where are we going?*" As they seek to comprehend these questions, students will read works from great minds like Plato, Aristotle, Descartes, Kant, Kierkegaard, Tolstoy, Lewis, Peterson and Piper. The goal of this course is not to answer all of life's deepest questions but to develop complex, critical, and practical thinking habits that will serve these students well in their future endeavors. Students will leave this course equipped with their own view of the world that has been informed by great minds, God's word and their own contemplations. Completing this course would be helpful for those

seeking degrees and careers in fields such as entrepreneurship, political science, law, mathematics, engineering, education, writing, the trades, social sciences, ministry and many more.

Work Experience 12A and 12 B

WEX 12 A and 12B give students the opportunity to participate in, observe, and learn about the tasks and responsibilities related to an occupation or career. Students learn about and experience the workplace and are provided with a frame of reference within which to review or revise their career-life development goals. The courses also provide students with the chance to gain new skills that can be used in future work opportunities. Completion of a four-credit WEX course meets the Applied Design, Skills, and Technologies graduation requirement.

Fitness and Conditioning 12

Physical Education 12 develops, through participation in a variety of activities, a positive attitude towards active living, a functional level of activity-specific motor skills, an awareness of career and occupational opportunities related to physical activities, and a healthy concept of fitness and well-being. Students are introduced to available community recreational facilities and services. Students undertake the responsibility of helping shape the course content based on their specific interests, strengths, and abilities. Emphasis is placed on the development of leadership skills through community service, wherein students are required to complete a minimum of 15 hours. Off-campus outings and activities are focal points of this course offering.

Active Living 11/12 (New for 2024-2025)

The aim of “Active Living 11/12 - LGCA’s Volleyball Academy/Class” is to develop students’ knowledge, skills, and attitudes in the game of volleyball, as well as enhance students’ quality of life through Active Living. This course is for students who are seriously interested in improving their individual skills and team strategies. Students working together and helping each other improve their skills will be stressed throughout the course. Genesis 1:28 states “that we are made in the image of God.” 1 Corinthians 3:16-17 states that “believers are to view their bodies as temples of the Holy Spirit and to care for them.” Students need to continue to develop the understanding that our body is not ours but the Lord’s and we need to do all that we can to take the best care of it for He dwells inside of us. Students will get the opportunity to improve in the game of volleyball, and also to referee, score-keep and develop coaching/leadership skills.



Grade 10 to 12 Summary

| <u>Grade 10</u> | <u>Grade 11</u> | <u>Grade 12</u> |
|--|--|--|
| <p>Required Foundation Studies:</p> <p>English (Literary Studies and Composition) 10 Social Studies 10 a Mathematics 10 Science 10 Career Life Education 10 Physical Education 10</p> <p>*Bible 10</p> | <p>Required Foundation Studies:</p> <p>English First Peoples 11 a Social Studies 11/12 Career Life Connections</p> <p>a Mathematics 11(Foundations of Math; Workplace Math, Pre-Calculus)</p> <p>a Science 11 (Chemistry, Physics, Life Studies, Earth Science)</p> <p>*Bible 11</p> | <p>Required Foundation Studies:</p> <p>English Studies 12 Career Life Connections</p> <p>*Bible 12</p> |
| <p>Electives:</p> <p>Concert Band 10 Foods 10 French 10 ICT 10 Outdoor Ed. 10 Visual Arts 10</p> | <p>Electives:</p> <p>Active Living 11 Art Foundations 11 Computer Programming 11 (online) Concert Band 11 Desktop Publishing (Yearbook) 11 Fitness and Conditioning 11 Fitness and Conditioning 11 Food Studies 11 French 11 ICTX 11 Photography 11 Work Experience 12A</p> <p>Available Grade 12 Electives: Law 12 French 12 Entrepreneurship 12</p> | <p>Electives:</p> <p>Active Living 12 Anatomy & Physiology 12 Art Studio 12 Calculus 12 Chemistry 12 Concert Band 12 Desktop Publishing (Yearbook) Entrepreneurship 12 Fitness and Conditioning 12 Food Studies 12 Foundations of Math 12 French 12 20th Century World History 12 Geography 12 ICTX 12 Law 12 Literature (Literary Studies) 12 Photo 11/12 Physics 12 Pre-Calculus 12 Work Experience 12A & 12B Workplace Math 12 Or any Grade 11 level elective AP courses (see page 45)</p> |
| 32 credits | 28 credits | 28 credits |

Advanced Placement Courses

Students enrolled in Advanced Placement courses get a feel for the rigors of college/university level studies within the support of a high school environment. Students taking AP courses demonstrate to post-secondary admissions officers that they have sought out an educational experience that will prepare them for success at college/university.

Each AP course concludes with an optional college/university level exam developed and scored by post-secondary faculty and experienced AP teachers. The fee for each exam is \$150.

Students who are successful in AP courses can potentially earn an extra four (4) credits towards their transcript and may be able to enrol directly into the second year course at the post-secondary institution they attend, subject to the policies of that institution. For more information on the AP Program, visit their website at: www.apcentral.collegeboard.com

The CollegeBoard logo, featuring a shield icon with a graduation cap inside, followed by the text "CollegeBoard" in white on a black background.The AP logo, consisting of the letters "AP" in white on a blue square background.

AP Courses offered at LGCA:

AP Calculus 12

AP Calculus BC is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

AP English Literature and Composition 12

The AP Literature and Composition course allows students to delve more deeply into literature through increasingly complex texts, and is designed to prepare students for university. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and nonfiction) in a variety of media. Student wishing to take this course must also be registered for Literary Studies 12.

AP World History: Modern 12

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

AP Physics 12 (1)

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as classical mechanics; mechanical waves and sound; and simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Students interested in continued studies in science, particularly physics and engineering should consider this option. Upon completion of AP Physics 1, students will receive Physics 12 credit.

Provincial Graduation Assessment Information

Students may access recent Provincial Government Examinations exam results and information at <http://www.bced.gov.bc.ca/exams/search/exsection.htm>

Provincial Graduation Assessments

Graduation assessments are changing to align with the new curriculum. As part of the updated graduation requirements, students in the B.C. Graduation Program will have to complete three provincial assessments. They will focus on the demonstration and application of **numeracy** and **literacy**.

- Graduation Numeracy Assessment – Grade 10 (graduation requirement)
- Graduation Literacy Assessment – Grade 10 (graduation requirement)
- Graduation Literacy Assessment – Grade 12 (graduation requirement)

The Mathematics 10, Literary Studies and Composition 10, and English Studies 12 course final marks will be reported on the June report card. The mandatory Numeracy and Literacy Assessment scores will be reported on the student's Ministry Transcript of Grades and will not be blended with the student's school final mark. Students can review their Ministry transcripts online through the Ministry of Education Student Transcript Service (STS) www.StudentTranscripts.gov.bc.ca



EXTRA CURRICULAR ACTIVITIES

Service – Leadership – Community - Environment

Extra-Curricular and Service Opportunities to Build Well-Rounded Graduates

| Leadership | Community |
|--|---|
| Coaching ACSI Student Leadership Conference Chapel Technology Girls’ & Boys’ Chapel Leaders Missions Trip – Local and International (Philippines, Mexico, Guatemala, Ecuador) Open House Tours Outreach Opportunities Refereeing Scholar’s Cup Sports / Tournaments Students Life UNITE Chapel leaders Yearbook | Awards Assemblies Chapels Christmas Musical Crochet Club Esports Team Fine Arts Evening French Trip to Montreal, Quebec & Ottawa Guest Speakers International Service Trip Japan Trip Junior Achievement Company Program Outreach Opportunities Photography/Earth Science Trip Reach Out to Africa (Hope Club) Science and Math Competitions Spring Gala Tech Team Worship Night |
| Environmental | Spiritual |
| Landscaping Pitch-in-week Recycling Science Fairs & Field Trips Shoreline Clean Up | Guest Speakers Outreach Opportunities Student Testimonies UNITE Chapel Worship Teams |

And new activities each year!

Please note that this is a sampling of activities and events that LGCA students have participated in over the past years; activities offered each school year are subject to availability.

High School Athletics

| SEASON | SPORT | LEVEL | League |
|--------|-----------------|---|----------------------------|
| Fall | Cross-Country | Open (Gr. 12 and under) | GVISAA |
| | Volleyball | Bantam Girls, Bantam Boys Junior Girls, Junior Boys Senior Girls, Senior Boys | GVISAA, NSSSAA, BCCSSAA |
| Winter | Basketball | Bantam Girls, Bantam Boys Junior Girls, Junior Boys Senior Girls, Senior Boys | GVISAA, BCCSSAA |
| Spring | Ultimate | Junior Coed Senior Coed | GVISAA |
| | Badminton | Bantam Girls, Bantam Boys Junior Girls, Junior Boys Senior Girls, Senior Boys | GVISAA |
| | Track and Field | Open (Gr. 12 and under) | BCCSSAA |
| | Golf | Coed | NSSSAA |
| | Flag Football | Senior Coed | |

LEAGUES:

BC School Sports – (A) Provincial Level Competition

GVISAA – Greater Vancouver Independent School Athletic Association

BCCSSAA – BC Christian Secondary School Athletic Association

NSSSAA – North Shore Secondary Schools Athletic Association

LEVELS OF PLAY:

Bantam – Grade 8

Junior – Grade 10 and under

Senior – Grade 12 and under

Open – All levels (Bantam - Senior)

