



HIGH SCHOOL PROGRAM GUIDE

2024
2025



**KNOW GOD.
LOVE OTHERS.
LIVE PURPOSEFULLY.**



HIGH SCHOOL PROGRAM GUIDE

9–12
Grades

2024 / 2025



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Adam Woelders
Head of Schools

HEAD OF SCHOOLS' WELCOME

If you are a new student at LCS or exploring what we have to offer, let me extend our warmest welcome. If you are a returning student, I am excited for you to continue growing and learning with us.

I am the lead administrator for all of our schools, but I am also an invested parent of an alumnus (2022) and two future graduates (2025 and 2032). I do not know of another school in the metro Vancouver region that can offer what we can at our high school in terms of relationships, opportunities and experiences. Our deepest desire is that during your school year you will build on the God-given strengths, passions and abilities you have been gifted with, and that you will find purpose, challenge and success on the path God has put you on.



Joel Ditson
High School Principal

PRINCIPAL'S MESSAGE

Welcome to Langley Christian High School, we are thrilled that you are here. LCS is shaping a new generation of young people to be agents of change who are justice-seeking, discerning, inclusive, courageous, equipped, confident in who God created them to be, and ready to have an impact for Christ in their community and beyond. Our high school offers a variety of academic, arts, athletics, service, leadership, and faith-development opportunities for students to flourish as unique, individual learners. Please review the information in this guide as you plan for your Gr. 9-12 journey on the good-ship LCS. Each year we are home to a group of talented students, exceptional staff and faculty, dedicated leaders, and committed parents. Whether you are joining us for the first time, or returning to a well-known community, we look forward to journeying alongside you.

KEY HIGH SCHOOL CONTACTS

9-12
Grades

2024 / 2025

LCS High School Campus

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BC'S EDPLAN

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. Along with literacy and numeracy foundations, they are central to British Columbia's K-12 curriculum and assessment system and directly support students in their growth as educated citizens.

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. Students at LCS will encounter opportunities to develop their competence in formal and informal settings. They move from demonstrating competence in relatively simple and highly supported situations, to demonstrating independence in more complex and varied contexts. Competency development does not end with school graduation but continues in personal, social, educational, and workplace contexts.

Students, teachers, and parents/guardians share responsibility for the ongoing development of Core Competencies. Each group has its own considerations.



COMMUNICATION

The communication competency encompasses the set of abilities that students use to impart and exchange information, experiences and ideas, to explore the world around them, and to understand and effectively engage in the use of digital media.

THINKING

The thinking competency encompasses the knowledge, skills and processes we associate with intellectual development. It is through their competency as thinkers that students take subject-specific concepts and content and transform them into a new understanding. Thinking competence includes specific thinking skills as well as habits of mind, and metacognitive awareness.



PERSONAL AND SOCIAL

Personal and social competencies are the set of abilities that relate to students' identity in the world, both as individuals and as members of their community and society. Personal and social competencies encompass the abilities students need to thrive as individuals, to understand and care about themselves and others, and to find and achieve their purposes in the world.





OUR CORE VALUES

conNect

- Heart, hands & minds
- Globally & locally
- Families & churches
- Community impact

.....

Strong, healthy relationship built on fostering connection, service and integrity, both inward and outward, is the foundation of who we are as a school.

THRiVe

- Grace, love & safety
- Diversity & inclusion
- Service & generosity
- Faith & hope

.....

We are a school with a dedicated collaborative faculty, where every student is known by a caring adult and is supported to flourish as a unique, individual learner.

eQUIP

- Integrity & courage
- Christ-like discernment
- 21st century competencies
- Effective practices

.....

Since our beginning, LCS has endeavored to equip all students with the knowledge, skills and values to live a life of purpose and impact for Christ.

conNect THRiVe eQUIP



We communicate clear learning goals and criteria for success.

We design quality assessments that inform instructions and provide timely feedback for "what's next"?



We intentionally build rapport and relationship with every student.

We set high standards and expectations of achievement for every student.



Our curriculum is distinctively Christian and competency-driven.

Our curriculum choices are engaging, relevant, inspirational, and transformational.



We use scaffolded and differentiated practices that are inclusive of diverse learners.

We design classrooms and learning spaces to encourage collaboration, creativity, inquiry and innovation.



We use proven, effective, high impact instructional strategies and practices.

We use consistent routines and structures, that support all students' achievement, wellness and spiritual growth.



KNOW GOD... KNOW YOURSELF... LOVE YOUR NEIGHBOUR...



SUMMER PROGRAMS

LCS offers a series of accredited courses which run from late June – late July. These courses are full BC Curriculum courses that run over a 5-week period, from 8:30am-11:30am or 12:30pm - 3:30pm Monday to Friday. Upon successful completion, students are awarded 4 course credits towards graduation for Grade 10-12 courses, and progression for Gr. 9 courses.

LCS Summer Programs provide students with an opportunity to accelerate their studies and continue building on their learning throughout the month of July. Summer Program fees are billed in addition to regular tuition at a rate of \$850 per course for early registration (before April 15). Go to <https://www.langleychristian.com/summer-courses/> to register and secure your space. Courses are limited to 15 students.

www.langleychristian.com/curriculum

SUMMER 2024 OFFERINGS

- Mathematics 9
- Foundations of Mathematics & Pre-Calculus 10
- Science 10
- Hybrid Spanish/French 9-12

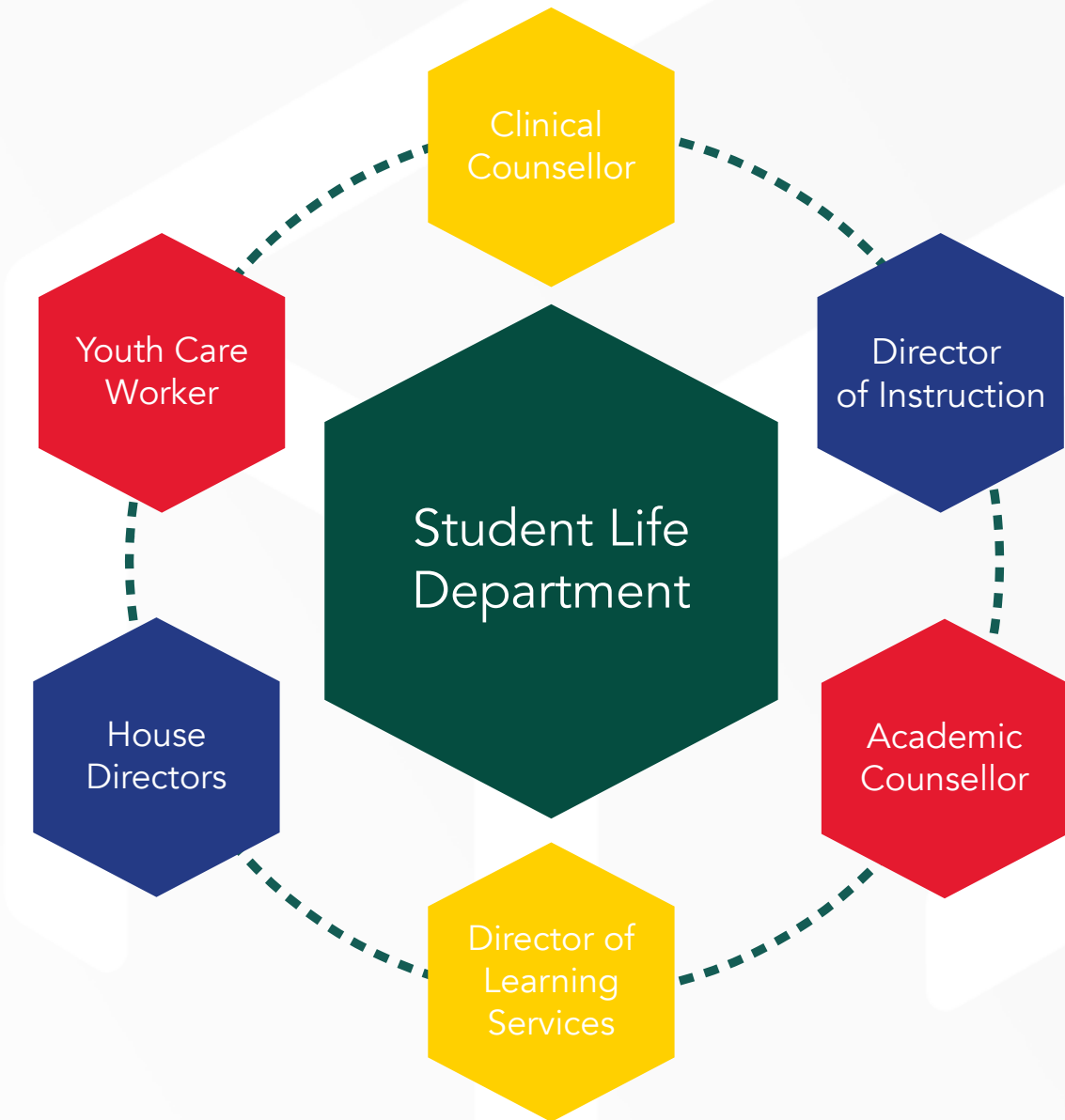




HOUSE SYSTEM



- Students are vertically divided into 3 multi-age, multi-grade houses which reflect the school's diversity, encompassing students of various ethnicities, ages, academic, artistic and athletic abilities.
- House Directors work to build strong, authentic relationships with students; oversee the social-emotional well-being, and foster a sense of community and spirit in their house.
- House Directors work with administrators, teachers, families and the School-Based-Team to support students who are in need of additional academic, behavioral or social-emotional support.
- House Directors meet 1-1 with all students multiple times per school year to check-in. They also meet 1-1 to advise each student during course selection.





ADVANCED PLACEMENT COURSES

Currently LCS offers the following **in-person** AP courses within the standard instructional framework.

AP ART HISTORY

AP BIOLOGY

AP CHEMISTRY

AP COMPUTER SCIENCE PRINCIPLES

AP ENGLISH LITERATURE AND COMPOSITION

AP PSYCHOLOGY

Currently LCS offers the following AP courses as **exam-only** sections. Students may register with LCS to write the AP exam for these courses, but must complete independent study and preparation of the course content.

AP CALCULUS AB/BC

AP COMPUTER SCIENCE A

AP EUROPEAN HISTORY

AP HUMAN GEOGRAPHY

AP MACROECONOMICS

AP MICROECONOMICS

AP PHYSICS 1, 2, C

AP STATISTICS

ADVANCED PLACEMENT

LCS exists to equip all students and to help them develop gifts and talents. We are offering AP courses to provide an additional pathway for students who are pursuing post-secondary education, or who want to be challenged in high school. Advanced Placement allows students to take high school courses that earn college or university credit. They are designed to help students pursue challenging intellectual activities while developing higher level thinking skills, such as independent study, research, analysis of knowledge, and subject enrichment of the various areas of study. In May, students of AP courses write the AP exam. These exams are graded and students receive a 1, 2, 3, 4 or 5. In Canada,

anyone earning a 4 or 5 on the AP exam qualifies for college credit for the course, meaning they will not need to take the course again in 1st year university. AP courses are challenging and require more rigor than regular high school programming. Students who complete 3 AP courses in their high school career (regardless of achievement level in those courses) have a significantly increased chance of a successful transition from high school to college or university. These courses are a great opportunity for students to engage in the content they are passionate about.



GENERAL INFORMATION

Choosing Courses

The challenges, pressures, and opportunities associated with life today require that parents and students give the utmost consideration to solid educational planning. Students and parents are encouraged to fully engage in the course selection process. While this resource guide does provide an overview of graduation requirements and course selection options, it is but one of numerous resources that students and parents should be consulting as part of the course selection process.

Students and parents should dedicate considerable time to focus upon discussions around the development of strengths through well balanced learning and strong focus should be given to understanding viable career options/ interests and opportunities. Such a process requires much consultation, whether it be with teachers, counsellors, and friends, or through online research. Ask a lot of questions and investigate options fully. With proper preparation, our school provides an excellent opportunity to grow in terms of knowledge, skills, and abilities.

Helpful post-secondary planning resources:

- Post Secondary BC - www.postsecondarybc.ca
- Education Planner BC - www.educationplannerbc.ca

COURSE CHANGE REQUESTS

New course change requests take place in late August and early September. We endeavor to complete all priority 1 and 2 course changes before June 15th. To complete a priority 3 or 4 course change request students must complete the Add/Drop form and submit to their House Director before September 15th. Add/Drop requests may not be submitted via phone messages or email.

Gr. 9/10

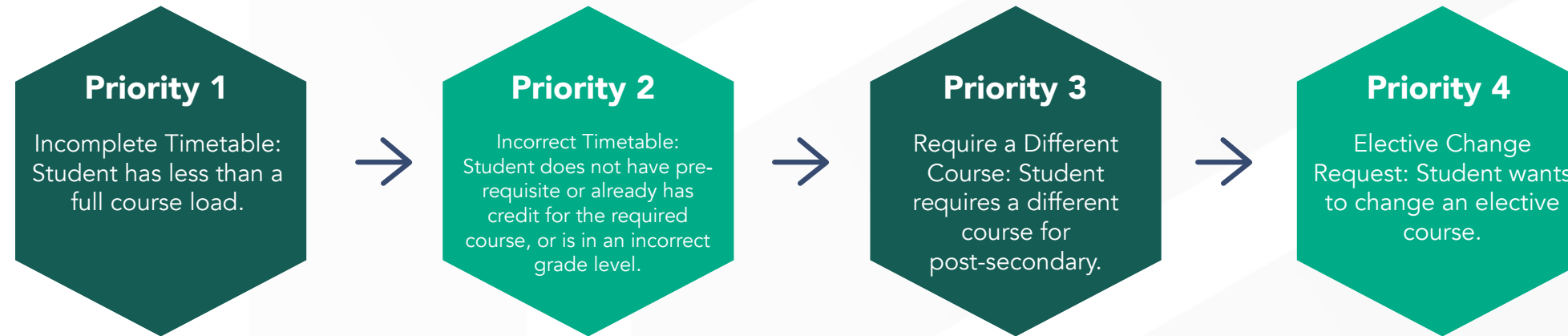
Students in Grade 9 and Grade 10 are required to enroll in a minimum of 9 courses a full academic schedule of LCS courses. A Grade 9 or Grade 10 student who enrolls in an out-of-timetable or online course will be required to enroll in a 9th course to complete their academic schedule.

Gr. 11

Students in Grade 11 are required to enroll in a minimum of 7 courses.

Gr. 12

Grade 12 students are required to enroll in a minimum of 6 LCS courses.



Graduation Assessments

Grade 10 Numeracy, Grade 10 Literacy, and Grade 12 Literacy Assessments are all graduation requirements. Students will be given the opportunity to write these assessments in their Grade 10 and Grade 12 years. They may also re-write the Grade 10 Assessments if they choose to, in Grades 11 and 12.

Course Selection

Course selection will happen in the months before Spring Break. Students meet 1-1 with their House Director to discuss options and review their pathway to graduation and/or post-secondary. Students pursuing post-secondary studies are encouraged to meet with Mrs. Huberts, Academic & University Guidance Counsellor, to review options, pursue scholarships, and complete application packages.

Course Enrollment Policy

All Students | All LCS students must be enrolled in Career Education, English, Mathematics, BC First Peoples, and Biblical Studies at LCS. Students may not enroll in online versions of these courses. Students enrolling in fewer than 8 courses are considered part-time students. Course allocation is determined by MyEd BC after course selection. Course changes may be requested through the Lightning Life Department.

International Student Graduation Policy

To earn a Dogwood Diploma, international students must meet all graduation requirements and meet the following conditions:

- BC International Student Graduation Credit Policy
- May earn credit for English 10, Science 10, and a Mathematics 10 either by enrolling in the course, challenging the course or through equivalency
- Must earn credit for courses in the following categories through instruction from a BC certified teacher, NO Equivalency review or Challenge process is permitted
- Biblical Studies 10, 12.1 and 12.2
- Career Life Education 10
- Career Life Connections 12
- English 11 and 12
- Physical Education 10
- One of Science 11 or 12
- One of Math 11 or 12
- Social Studies 10 and 12



LEADERS IN EXCELLENCE ‘ACADEMIC/ATHLETIC/ARTS’ & PERFORMANCE (LEAP) PROGRAM POLICY



→ Requirements for Admittance

- All: Excellent or Good work habits in all courses.
- All: Participate in at least one LCS extra-curricular program during the school year.
- Academics: Maintain an extending level of proficiency in all courses.
- Academics: enrolled in non-dual credit studies at the University/College level OR enrolled in at least 3 above-grade-level courses.
- Athletics/Arts: Maintain a proficient level of achievement in all courses.
- Athletics/Arts: Compete in the top 5% of provincial standards, or be enrolled in a provincial, national or Olympic level program.
- Athletics/Arts: Supervised training or performance for 17 hours per week over a 4 month period, or 12 hours per week over a 10 month period.

Purpose

To support elite performers in pursuit of their chosen specialty, while remaining a functional member of the LCS community.

Students admitted to the LCS LEAP Program are permitted to leave school early or enroll in fewer than the required total courses to pursue their chosen specialty. Students may apply for enrollment under the umbrella of either Athletics/Performing Arts or Academics.

Athletics/Performance Arts

Students considered for the LEAP program must compete in the top 5% of provincial standards, or be enrolled in a provincial, national or Olympic/Professional level program. Please note that local, pay-to-train/pay-to-compete performers do not qualify for LEAP.

Academics

Students considered for the LEAP program must be currently registered in at least 3 above-grade-level courses or one University/College course. A maximum of one of the above-grade-level courses may be taken at a certified distributed learning (online) school. AP Courses are not considered University/College courses.

Students wishing to enroll in LEAP for the first time must complete the application LEAP Registration Form. The deadline for application is March 17, 2023. All acceptance decisions are final and made by the LCS Lightning Life Department.

Note: Should there be a high rate of absence from school, families may be financially responsible for paying the Provincial Student Operating grant to LCS, in addition to full tuition, as the grant is only allocated for students who qualify as full-time attendees.



→ Youth Work in Trades 11 & 12 (apprenticeship)

The Youth Work in Trades course combines paid work-based training and the Industry Training Authority (ITA) requirements for students to obtain hours towards a recognized BC trades program or Red Seal trades program, which are recognized provincially and nationally. The main goal of the YWIT program is to help students begin their apprenticeship training for students who have a good idea of their career path.

The Youth Work in Trades program is designed for students who are currently working part time in a trade, under a certified person, or who know of someone who might hire them to work in a recognized trade. Once a student is able to secure a sponsor company, they can earn four credits for every 120 hours of work completed and successful completion of required course-work for a total of 16 credits. Up to 480 work-based hours can count towards their trade credentials.

Students must get pre-approval from Mr. Lee before signing up for this course.

→ Work Experience 12

The primary goal of the Work Experience Program (WEX) is to help students personalize their learning and prepare them for life after secondary school completion. Through WEX, students have the opportunity to observe and practise generic employability skills, as well as skills specific to occupations, industries, or careers.

Students must complete the required Online Course Work and fulfill 90 Hours of Work Experience for each of the 12A and 12B courses for a total of 8 credits. Students will be evaluated based on demonstrating an understanding of workplace orientation, safety instructions, and a presentation of their work experience placement. Students typically are involved in non-paid placements. However, if students want to use paid hours for WEX, they may only begin to accrue hours after the student has successfully registered for the program. Students need to find their own workplace experience prior to the school year.

Students must get pre-approval from Mr. Lee before signing up for this course.

→ Flex Blocks

A multi-purpose instructional period, supervised by a staff member, during which additional learning opportunities are available for students.

→ Individual Education Plan (IEP) Blocks

Designed to support students who are on an individualized Education Plan, an IEP block offers students direct support in academics, organization, study skills and social skills. Individual and/or small group support will be provided to assist students with their academic work as well as target specific goals on their IEP.



LCS DOGWOOD DIPLOMA GRADUATION REQUIREMENTS

** In order to graduate from LCS, students must - in addition to the Ministry of Education mandated credits, complete all of the course requirements listed below. **

Required Courses			Elective Courses		
Course Name:	Credits:	C IP	Course Name:	Credits	C IP
ENGLISH 10	(2x2)	<input type="checkbox"/> <input type="checkbox"/>	ENGLISH 12	(4)	<input type="checkbox"/> <input type="checkbox"/>
CAREER LIFE EDU. 10	(4)	<input type="checkbox"/> <input type="checkbox"/>	CAREER LIFE CON. + CAPSTONE 12	(4)	<input type="checkbox"/> <input type="checkbox"/>
MATHEMATICS 10	(4)	<input type="checkbox"/> <input type="checkbox"/>	BIBLICAL STUDIES 10	(4)	<input type="checkbox"/> <input type="checkbox"/>
PHE 10	(4)	<input type="checkbox"/> <input type="checkbox"/>	BIBLICAL STUDIES 12.1	(4)	<input type="checkbox"/> <input type="checkbox"/>
SCIENCE 10	(4)	<input type="checkbox"/> <input type="checkbox"/>	BIBLICAL STUDIES 12.2	(4)	<input type="checkbox"/> <input type="checkbox"/>
SOCIALS 10	(4)	<input type="checkbox"/> <input type="checkbox"/>	BC FIRST PEOPLES 12	(4)	<input type="checkbox"/> <input type="checkbox"/>
ARTS ED 10	(4)	<input type="checkbox"/> <input type="checkbox"/>	SOCIAL STUDIES 12	(4)	<input type="checkbox"/> <input type="checkbox"/>
ADST ED 10	(4)	<input type="checkbox"/> <input type="checkbox"/>	Elective Gr. 10, 11 or 12	(4)	<input type="checkbox"/> <input type="checkbox"/>
ENGLISH 11	(4)	<input type="checkbox"/> <input type="checkbox"/>	Elective Gr. 10, 11 or 12	(4)	<input type="checkbox"/> <input type="checkbox"/>
MATHEMATICS 11	(4)	<input type="checkbox"/> <input type="checkbox"/>	Numeracy 10 Assessment		<input type="checkbox"/>
SCIENCE 11	(4)	<input type="checkbox"/> <input type="checkbox"/>	Literacy 12 Assessment		
Literacy 10 Assessment		<input type="checkbox"/>			
Extra Gr. 10-12 Courses:					

NOTE: C = Complete IP = In Progress
 *Minimum of 16 credits at the grade 12 level
 *Minimum of 80 credits for a Dogwood Diploma

External Credential

If a student has achieved a high level of performance in areas outside school, they may earn credits for certain extra- curricular learning activities. A few examples include: Cadets, some driver education courses, involvement in provincial or national sports teams, lifeguarding, Royal Conservatory of Music Grade 6 or higher, some dance courses, etc. Students may earn credit for these types of activities if they are in them now or were in the recent past. See Lightning Life for more information.

Equivalency (documented prior learning)

If a student has completed a course at an external institution or in another province, and they have a certificate that shows substantive learning outside school, they may qualify for credit for an equivalent course in the BC school system. If they can document learning (with a report card or a transcript, for example) they can ask for an equivalency review. The review will determine whether they are entitled to credits, and, if so, how many.

Course Challenge

Some students have important skills or learning that cannot be verified. In other words, they have no paper (certificate, transcript, etc.) to verify that they took a course or met certain requirements. If they are in that position, they may be able to earn credits by challenging a course. Prior to engaging in a challenge process, LCS will review any documentation or prior learning that a student presents in order to determine if a

credit can be awarded through equivalency. Students will need to talk to Lightning Life if they have reason to believe they will pass the course. Documentation of successful or independent learning, a portfolio of relevant work, and letters from employers or institutions where the learning has taken place should be presented if available. A student can challenge a course if he or she:

- Is currently enrolled at LCS
- Has not completed the course or its equivalent learning outcomes through previous enrollment
- Can give compelling evidence that he or she will succeed in the challenge

Students with prior documented learning from an international school who are Canadian citizens may be required to apply for an assessment of education through the international assessment service of Canada (www.icascanada.ca). Please note that there may be cases where a student's international equivalency will be designated with "Transfer Standing", not a percentage or letter grade if the grading scale of the international school is not comparable with the BC grading system. This will be determined in conversation LCS Faculty and Administration.

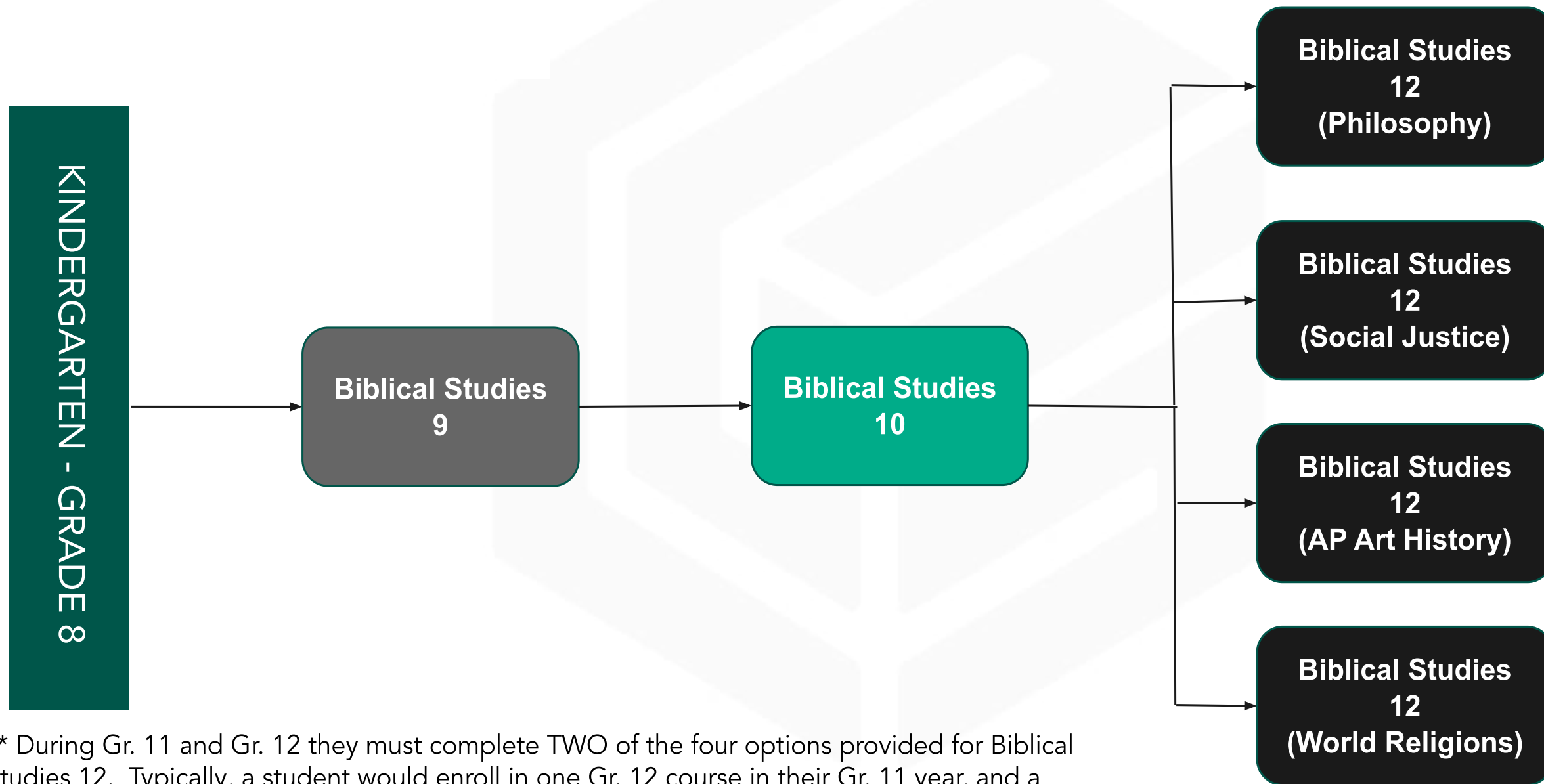


LCS DEPARTMENT PATHWAYS





BIBLICAL STUDIES



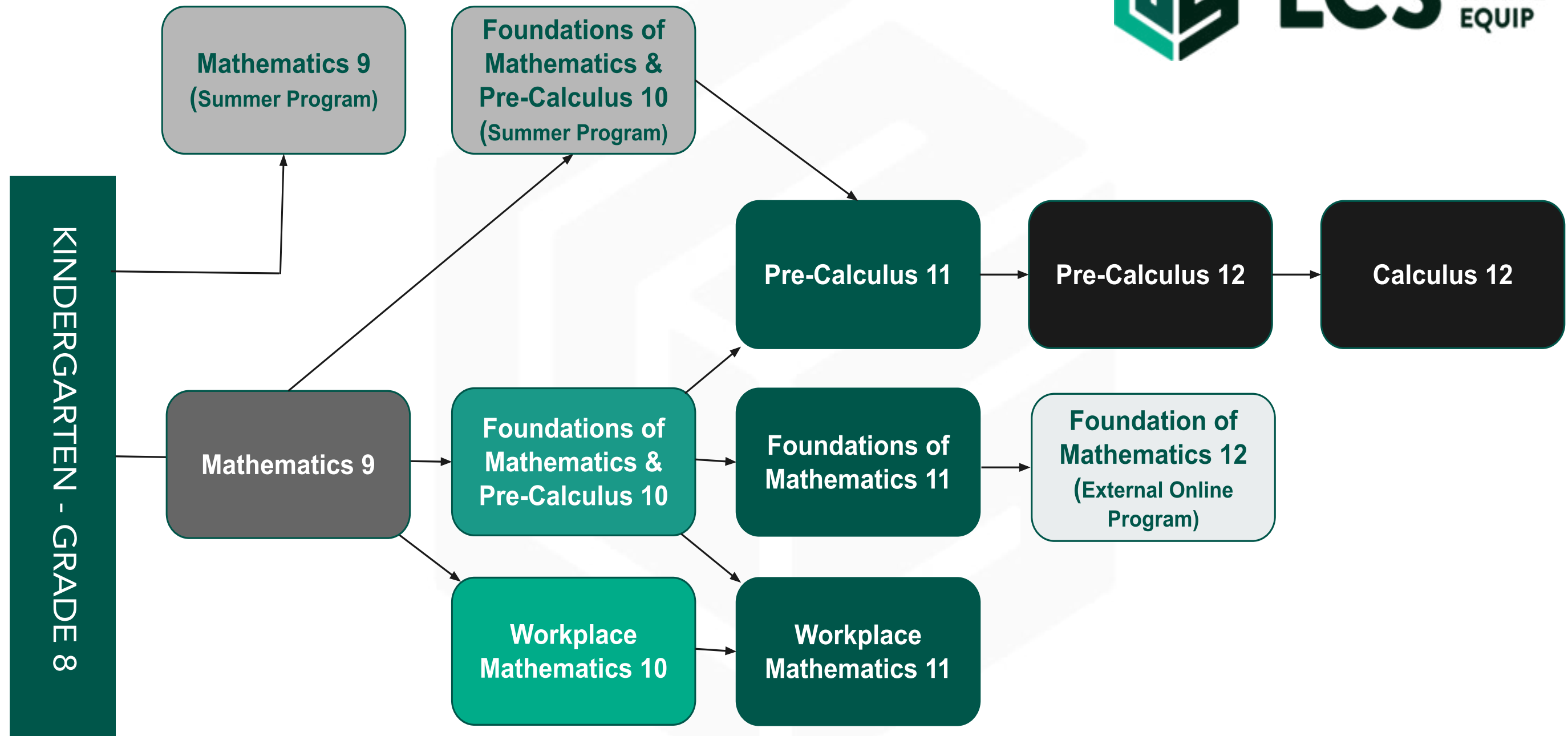
** During Gr. 11 and Gr. 12 they must complete TWO of the four options provided for Biblical Studies 12. Typically, a student would enroll in one Gr. 12 course in their Gr. 11 year, and a second course in their Gr. 12 year. Students are permitted to enroll in all four Gr. 12 courses. **



MATHEMATICS

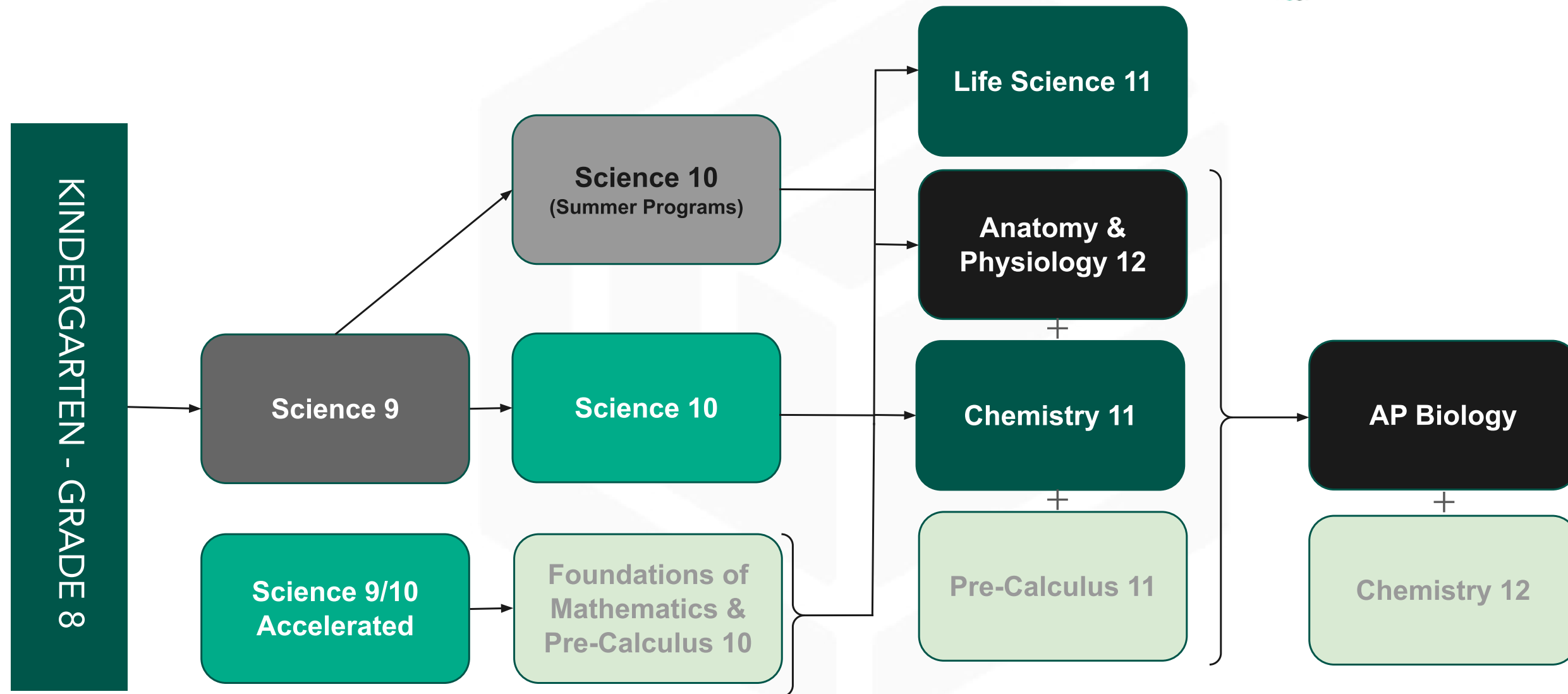



LCS CONNECT
THRIVE
EQUIP





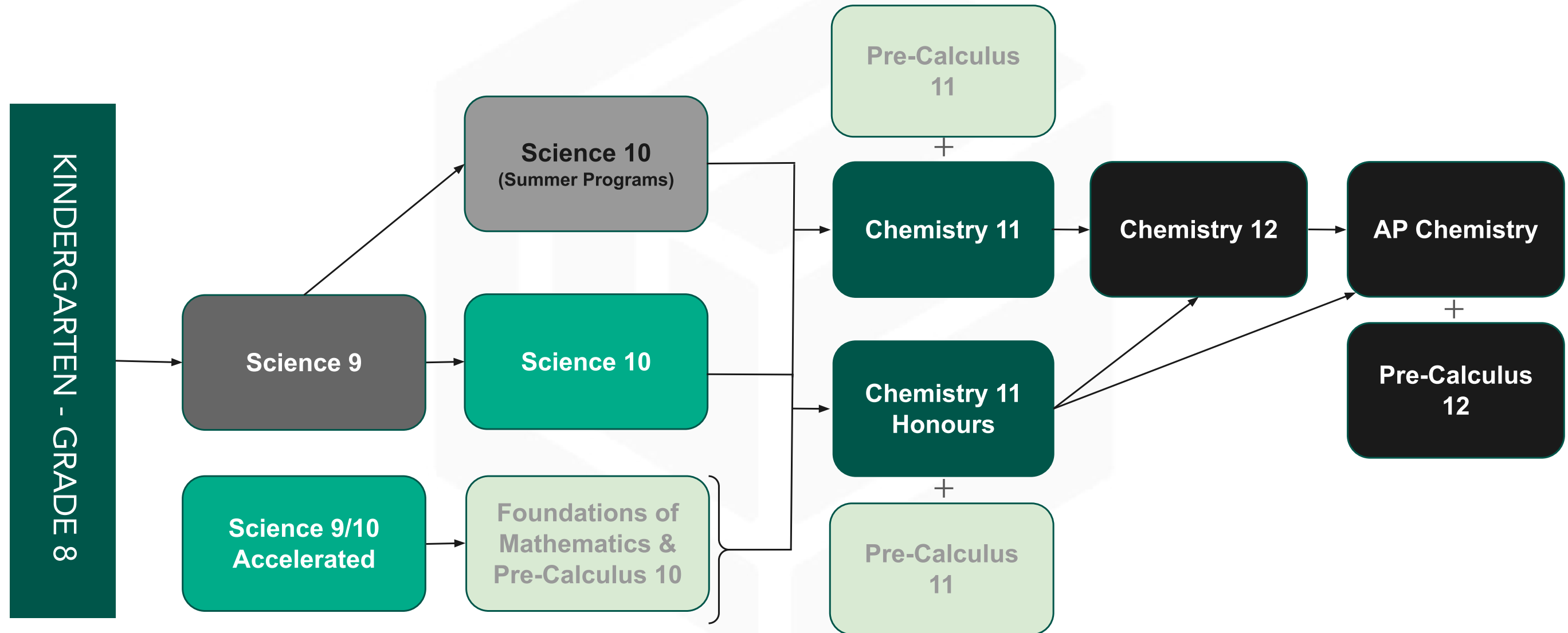
SCIENCE - BIOLOGY




*  colored blocks denote a recommended pre or corequisite course



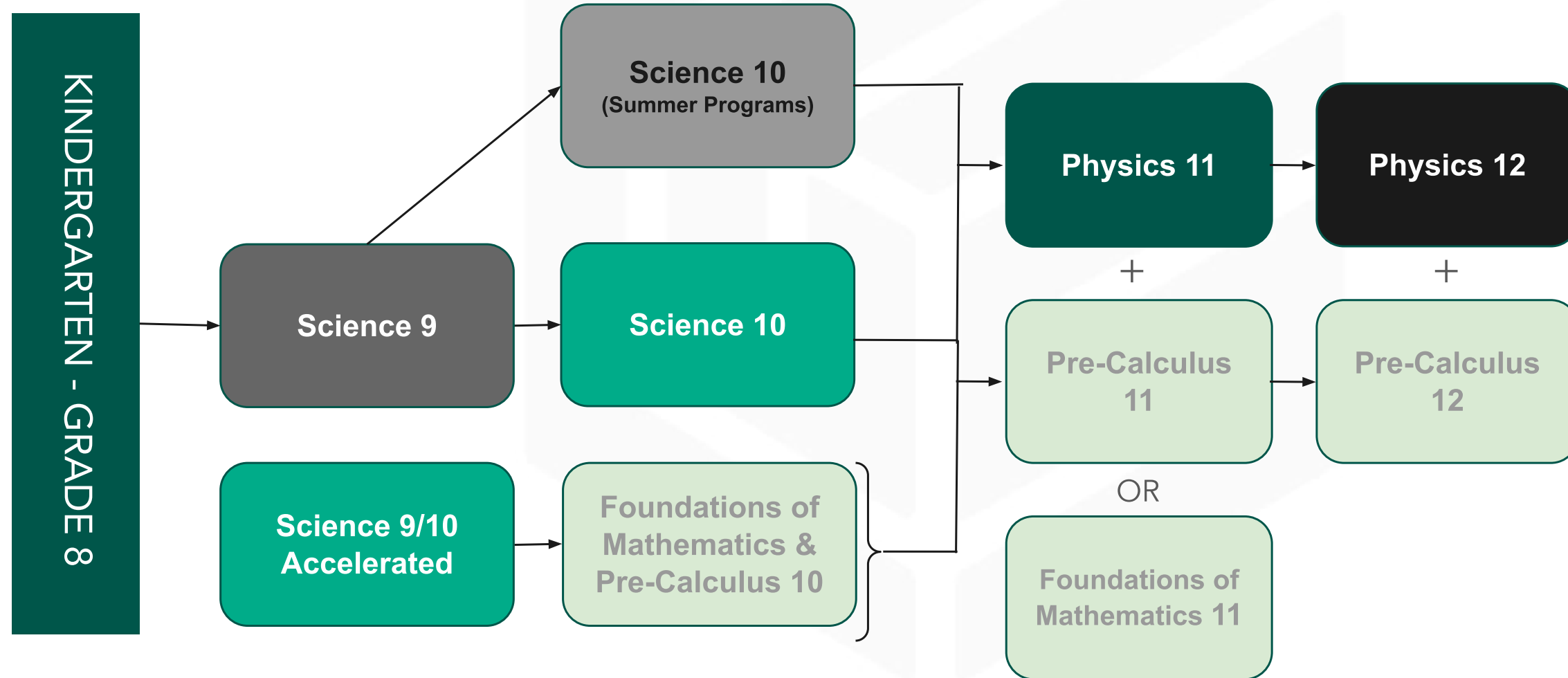
SCIENCE - CHEMISTRY



*  colored blocks denote a recommended pre or corequisite course



SCIENCE - PHYSICS



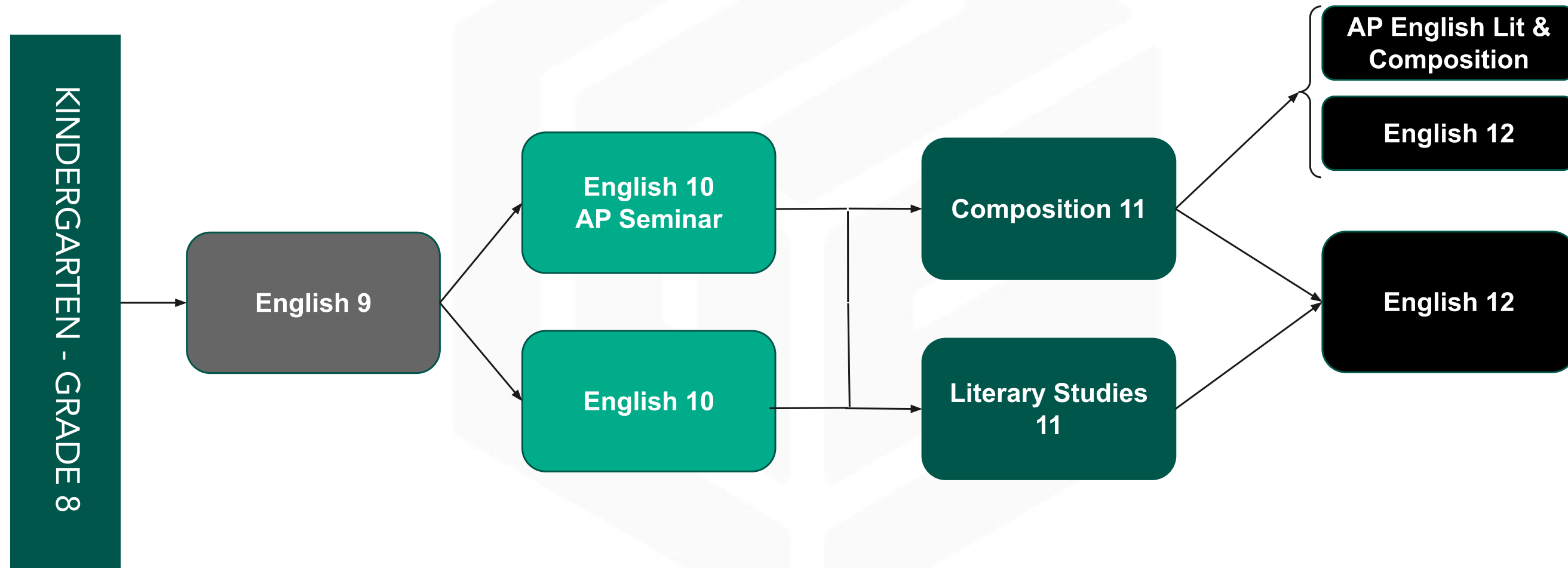
*  colored blocks denote a recommended pre-requisite course



ENGLISH



LCS CONNECT
THRIVE
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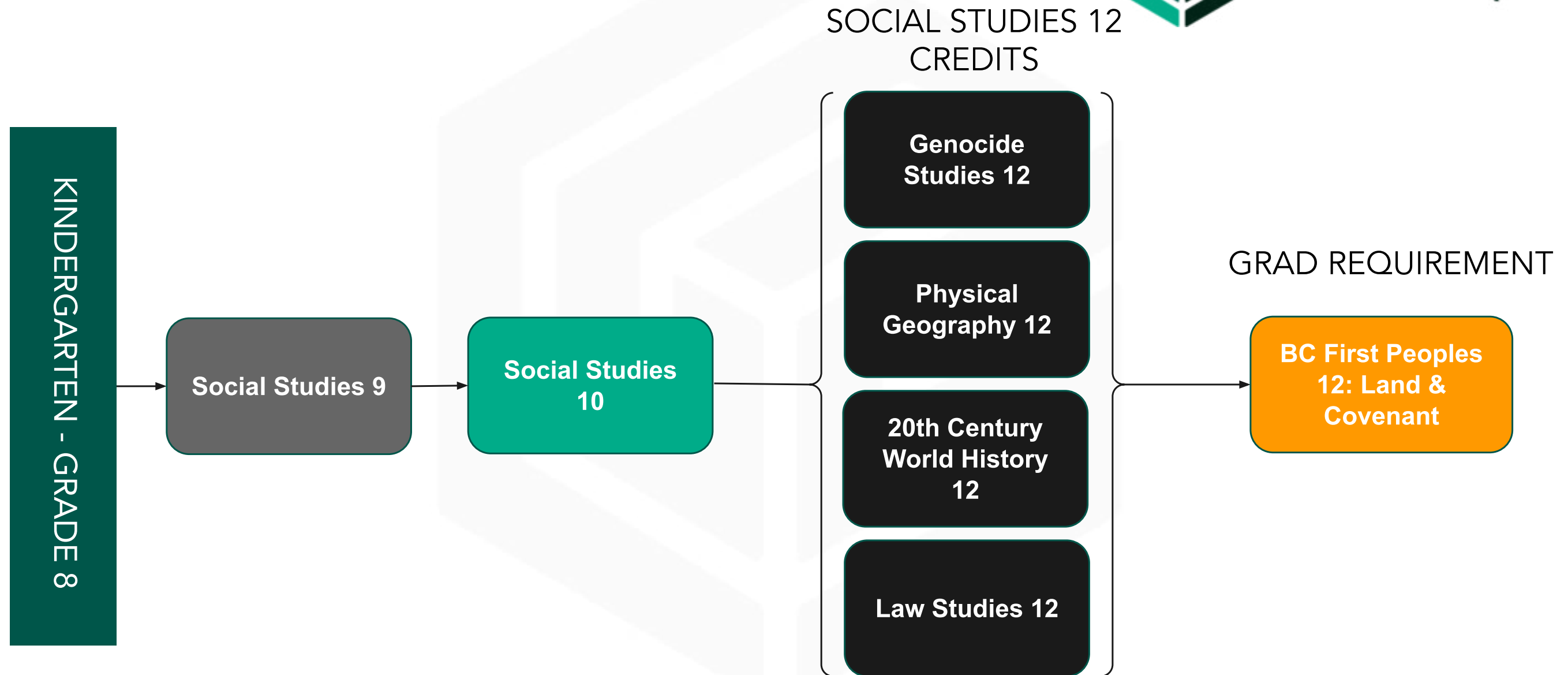




SOCIAL STUDIES



LCS CONNECT
THRIVE
EQUIP



** Students are required to complete one Grade 12 Social Studies course as a component of their Graduation Program. Some Social Studies courses (Elective Credits), however, satisfy an Elective component of the Graduation Program, but not the Social Studies requirement. BC First Peoples 12: Land and Covenant is a graduation requirement of the BC Ministry of Education and must be completed by all students **



ADST



LCS CONNECT THRIVE EQUIP

ELECTIVE CREDITS

Graphic Production Print Shop 11/12

AP Psychology 12

Psychology 11

Youth Work in Trades or WEX (non-enrolled)

KINDERGARTEN - GRADE 8

Robotics 9

Robotics 10

Remotely Operated Vehicles + Drones 12

Computers 9

Computers 10

AP Computer Science Principles 12

Pre-Calculus 11

Foods 9

Foods 10

Foods 12

Shop 9

Woodwork 10

Woodwork 11/12

Power Tech 10

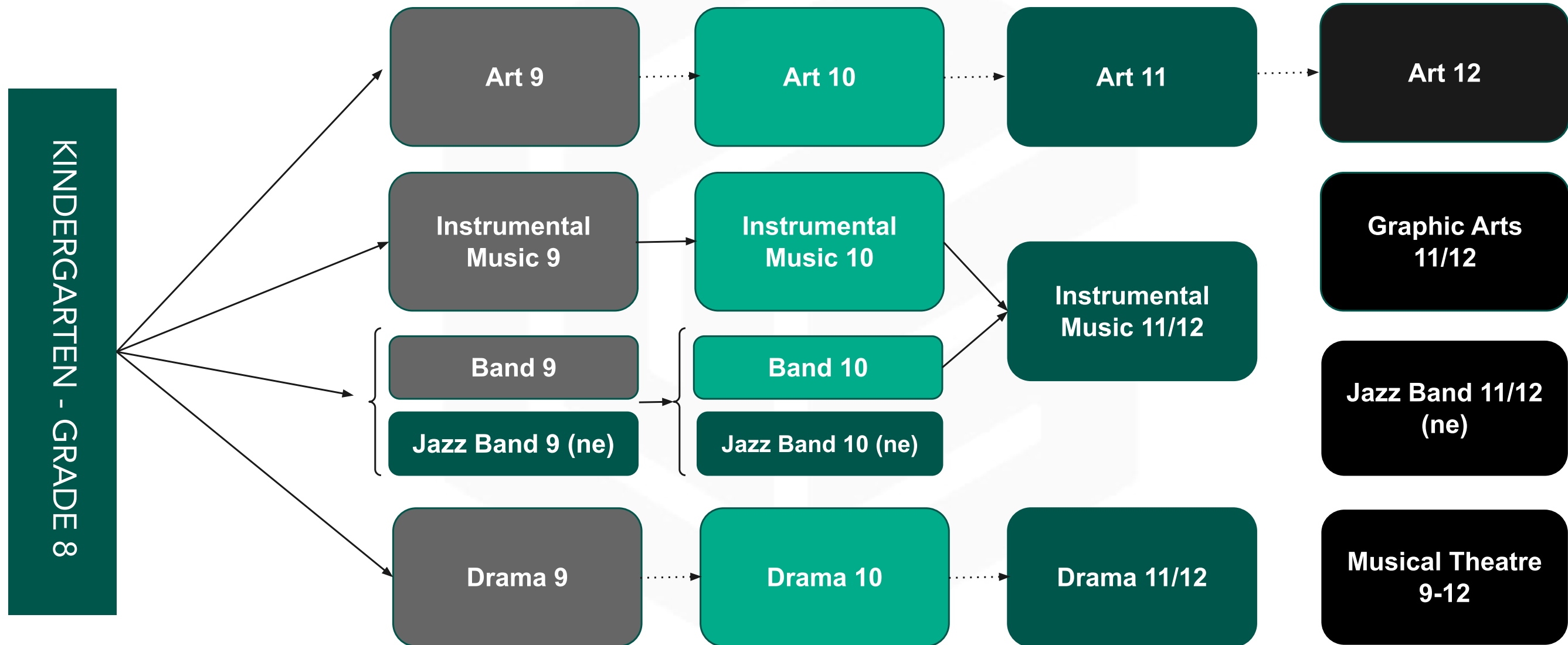
Automotive Tech 11/12



FINE ARTS



LCS CONNECT
THRIVE
EQUIP



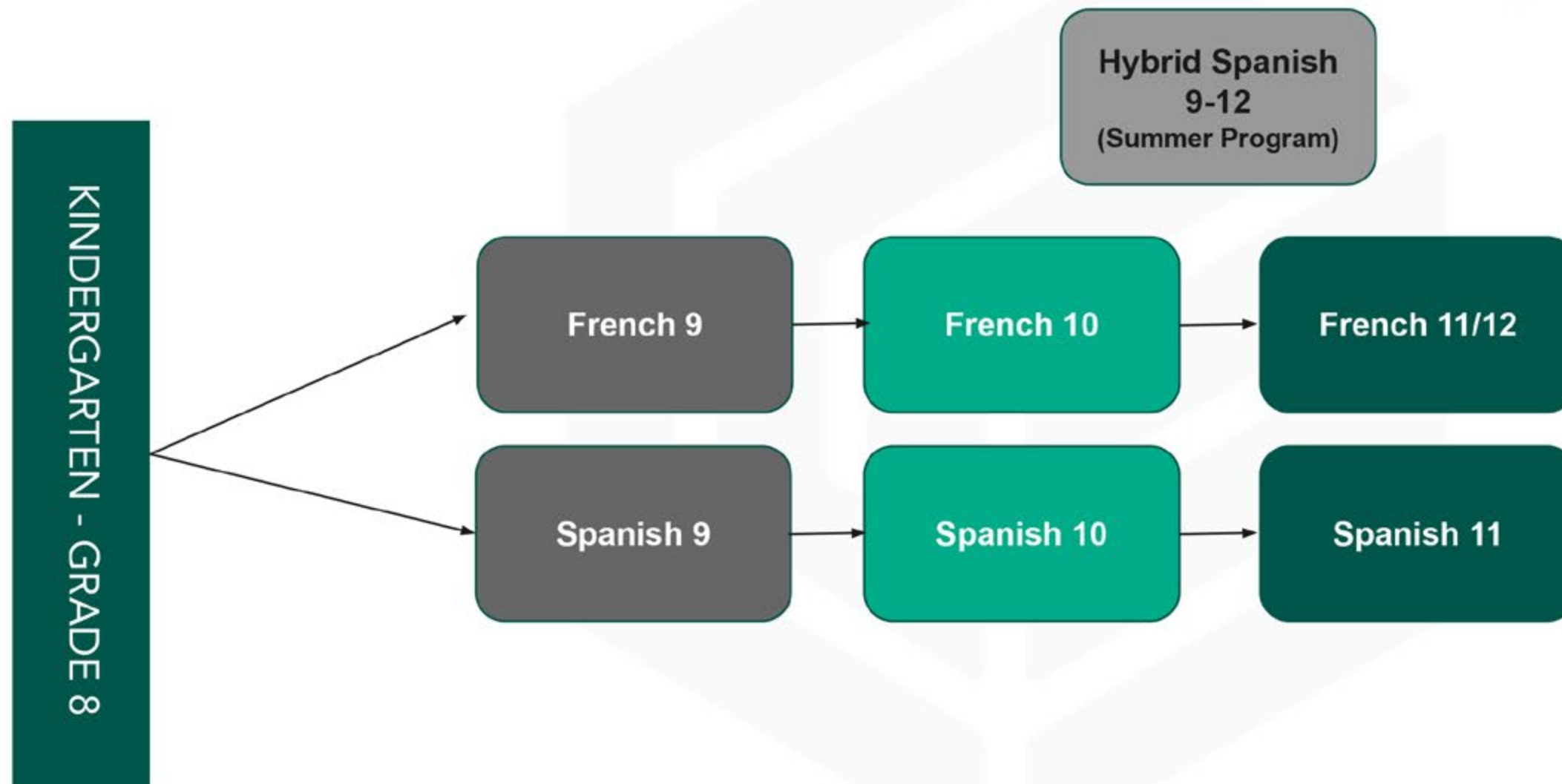
** Non-enrolled courses operate outside the regular LCS school schedule. As a result, hours of instruction may vary based on the individual course requirements **



MODERN LANGUAGES



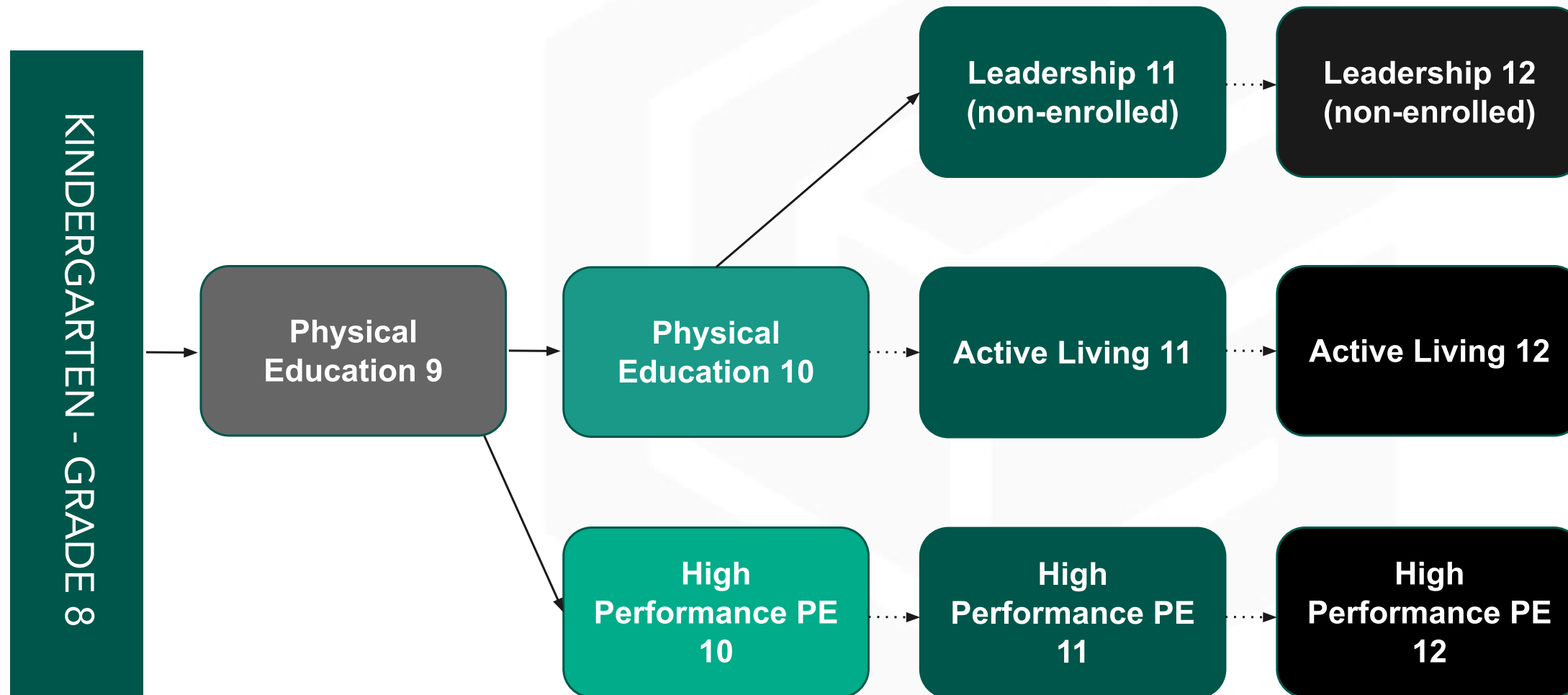
LCS CONNECT
THRIVE
EQUIP



** Non-enrolled courses operate outside the regular LCS school schedule. As a result, hours of instruction may vary based on the individual course requirements **



PHYSICAL & HEALTH EDUCATION

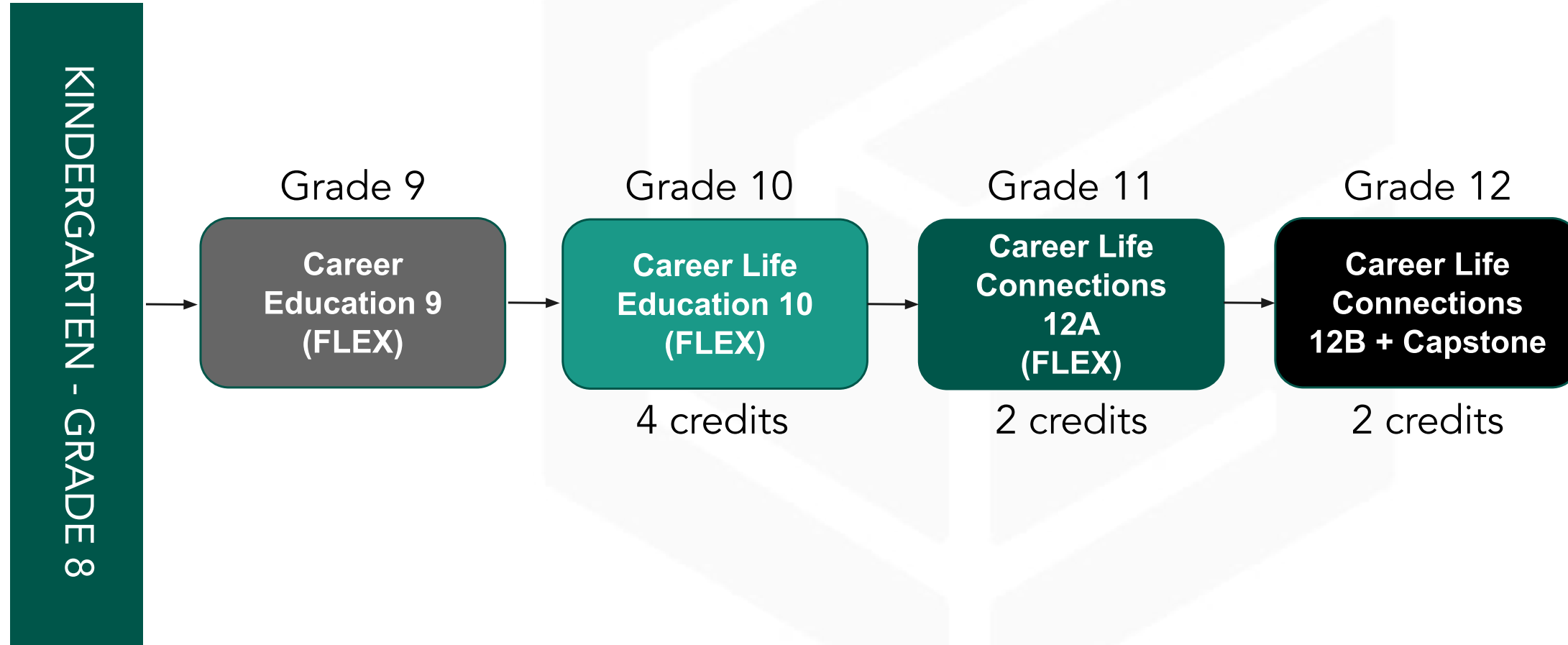


** Non-enrolled courses operate outside the regular LCS school schedule. As a result, hours of instruction may vary based on the individual course requirements **

* Rec Leadership, Leadership & High Performance PE require an application



CAREER EDUCATION



** Career Education 9-12 are non-enrolled courses which operate outside the regular LCS school schedule. As a result, hours of instruction may vary based on the individual course requirements. CLE 10 and CLC 12 take place during scheduled FLEX blocks. Attendance and completion are required as part of the BC Graduation Program. **



TRANSCRIPTS

What is a Transcript?

A secondary school transcript is an official document, issued by a high school or by the BC Ministry of Education, which lists a student's in Grade 10, 11 and 12, courses, credits and marks. A transcript may be either an interim or final transcript.

Complete the BC Ministry of Education Student Transcript Service (STS) at www.StudentTranscripts.gov.bc.ca. Students must register for a BC Government account, a BCeID. They will need your 9-digit Personal Education Number (PEN).

- A transcript issued prior to graduation, is considered an interim transcript
- A transcript issued after July 31, after graduation, is considered a final transcript (unless a student still needs to take additional courses to meet BC Ministry of Education graduation requirements)

What is the best way to get an interim transcript needed for a scholarship/bursary award?

Contact Lightning Life. A transcript will be ready within 48 business hours.

What is the best way to get an interim transcript needed for a post-secondary institution?

Check to make sure the post-secondary institution wants an interim transcript - some institutions want students to self-report their marks. Most institutions use the Student Transcript Service. Some smaller, private institutions will accept scanned transcripts. Contact Lightning Life to clarify what is required.

What is the best way to ensure a final transcript gets to your post-secondary school on time?

Complete the STS.

connect THRIVE equip

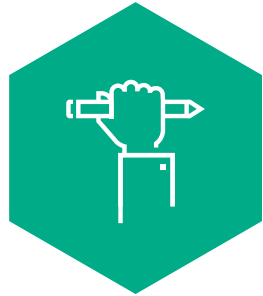
GRADE 9 PROGRAM





GRADE 9 PROGRAM

Arts Education 9



Design, drawing, painting, printmaking, sculpture, and even a bit of Art History! Designed to lay a foundation of basic vocabulary and technical know-how, preparing students for increasing complexity. Focus on the understanding and use of the Elements of Design (line, shape, space, texture, value, colour) and an introduction to the Principles of Design (balance, unity rhythm, variety, emphasizes, repetition). Students will be challenged to relate faith to creativity and personal growth.

Course Fee \$15 per student.

Band 9 (Instrumental Music: Concert Band 9)



In Instrumental Music 9, students build on the foundations of musicianship acquired in Middle School, and perform a wide variety of music from the popular, visual media (movies & video games), and wind band idioms, at an average difficulty level of 2-3 out of 6 levels (where level 5 and 6 is professional level music). The Grade 9/Junior Band performs at all school concerts, will have the option to participate in a local or regional educational or competitive music festival, and will take part in a multi-night performance tour somewhere within BC or Alberta (ie. Whistler, Edmonton). Students will create their own music during one or more composition projects using music technology.

Biblical Studies 9



Complete an interactive survey of the Old Testament through the perspective of the original Hebrew canon - same books, different order. Study architecture of sacred spaces, beginning with Solomon's temple and ending with local churches in Langley. Study the life of Jesus and his interaction with a variety of people.

Career Education 9

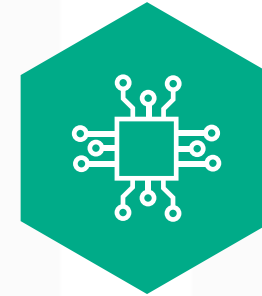


Career Life Education (CLE) 9 is a required course for students in BC and is mandatory for high school graduation. Learn to become a self-directed individual who sets goals, makes thoughtful decisions, and takes responsibility for pursuing goals after high school and throughout your life. Explore and reflect on "who you are" (present), who you CAN be ("potential you"), you who you WANT to be ("future you").



Drama 9

Basic acting skills will be introduced through rehearsals and presentation. The four elements of drama; cooperation, concentration, trust, and self-control, are important fundamentals of this course. Through areas such as tableaux, mime, improvisation, voice, and scene work, we will continue to refine our core skills of acting. Evaluation will be based on involvement and participation. This course is highly participatory.



Electronics & Robotics 9

Learn new skills, practice the design process and exercise creativity on a day-to-day basis. Build a robot that will be able to perform tasks such as: line following, motion and light detection and obstacle avoidance! Explore CAD, drafting and 3D printing. Throughout the year, we will reflect on what it means to design responsibly in regards to creation and the people around us.



English Language Learning 9

Designed to support students for whom English is an additional language. The course will focus on the language skills of reading, writing, speaking, and listening that pertain particularly to the classroom setting. Subject-specific vocabulary and course concepts will be taught to reinforce what is happening in the classroom. Individual and small-group support will be provided to assist students with individual language learning needs



English 9

Students will develop reading, writing, listening and speaking skills through studies of short stories, poetry and novels, supported by videos, podcasts, articles, songs, cartoons, sketches, paintings and infographics. They will explore literary works from a Christian perspective, and read and respond creatively and imaginatively to a variety of different texts and genres.



Food Studies 9

Through hands-on learning, work together to make delicious and nutritious food. Explore the skills and techniques needed in the kitchen. Learn food safety, healthy food prep and kitchen maintenance skills.

Course Fee \$25 per student.



French 9

Express yourself more effectively in French through oral and written activities. Discover shared experiences and perspectives through stories, and have meaningful conversations in French about things that are important. Practice grammar and vocabulary through interactive activities. Learn about seasonal celebrations and traditions, read a variety of songs, poetry and Scripture. Important themes this year are community and how to communicate effectively and inclusively.



Computer Science 9 (Information and Communication Technologies 9)

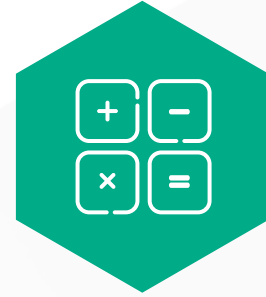
Explore the basics of computing and how we use these newly developed skills to influence the world around us. Design video games that bring awareness to local or global issues all while learning what a computer is. Grow applied technology skills through topics like using digital media to influence people, designing apps, and taking on independent design projects.



Jazz Band 9

In Instrumental Music: Jazz Ensemble [9-12][], students perform a wide variety of music written for "big bands" in the American Jazz tradition, from swing to latin, ballads, funk, rock, and various latin and Afro-Cuban styles. Students learn the fundamentals of jazz improvisation and stylistic aspects of Jazz that are distinct from other styles of musical performance. The Jazz Band performs at a local competitive Jazz Festival and may also tour to the USA for additional festival, performance, and/or listening opportunities.

Course Requirements: Students in Jazz Band 9 are required to also be enrolled in Band 9.



Mathematics 9

A demanding course requiring a solid understanding of whole numbers, fractions, decimals, and integers. Topics covered in the course include exponents, graphing, equations, polynomials, proportional reasoning, statistics, data analysis, problem solving, simple budgets and bank transactions.



Physical and Health Education 9

Goal centered rather than activity centered, stressing physical activity not as an end in itself, but as a means toward fulfilling personal potential in many aspects of life - physical Education is a planned program of personal movement experiences that develop the body and foster intellectual, decisional, and physical growth in harmony with the goals of Christian education. Activities in grade 9 are centered on physical fitness, team and individual sports, and competitive and expressive play.



Science 9

Explore a range of content and curricular competencies through labs and learning activities, providing both hands-on experience as well as interaction with concepts. Examine how cells are derived from cells; the arrangement of electrons in atoms imparts their chemical nature; electriccurrent is the flow of electric charge; and finally, the interconnectedness of the biosphere, geosphere, hydrosphere, and atmosphere, as matter cycles and energy flows through them.



Science 9 Accelerated

Explore a range of content and curricular competencies through labs and learning activities, providing both hands-on experience as well as interaction with concepts. Examine how cells are derived from cells; the arrangement of electrons in atoms imparts their chemical nature; electriccurrent is the flow of electric charge; and finally, the interconnectedness of the biosphere, geosphere, hydrosphere, and atmosphere, as matter cycles and energy flows through them. Students complete both Science 9 and Science 10 during this course.



Social Studies 9

Explore, examine, question, discuss, analyze, and reflect on the history of the world from 1650 to 1900, as well as, consider the impact this era has had on today's Post-Modern Age. Individually and corporately understand that "a people without history is not redeemed from time, for history is a pattern of timeless moments" orchestrated by the hand of God.

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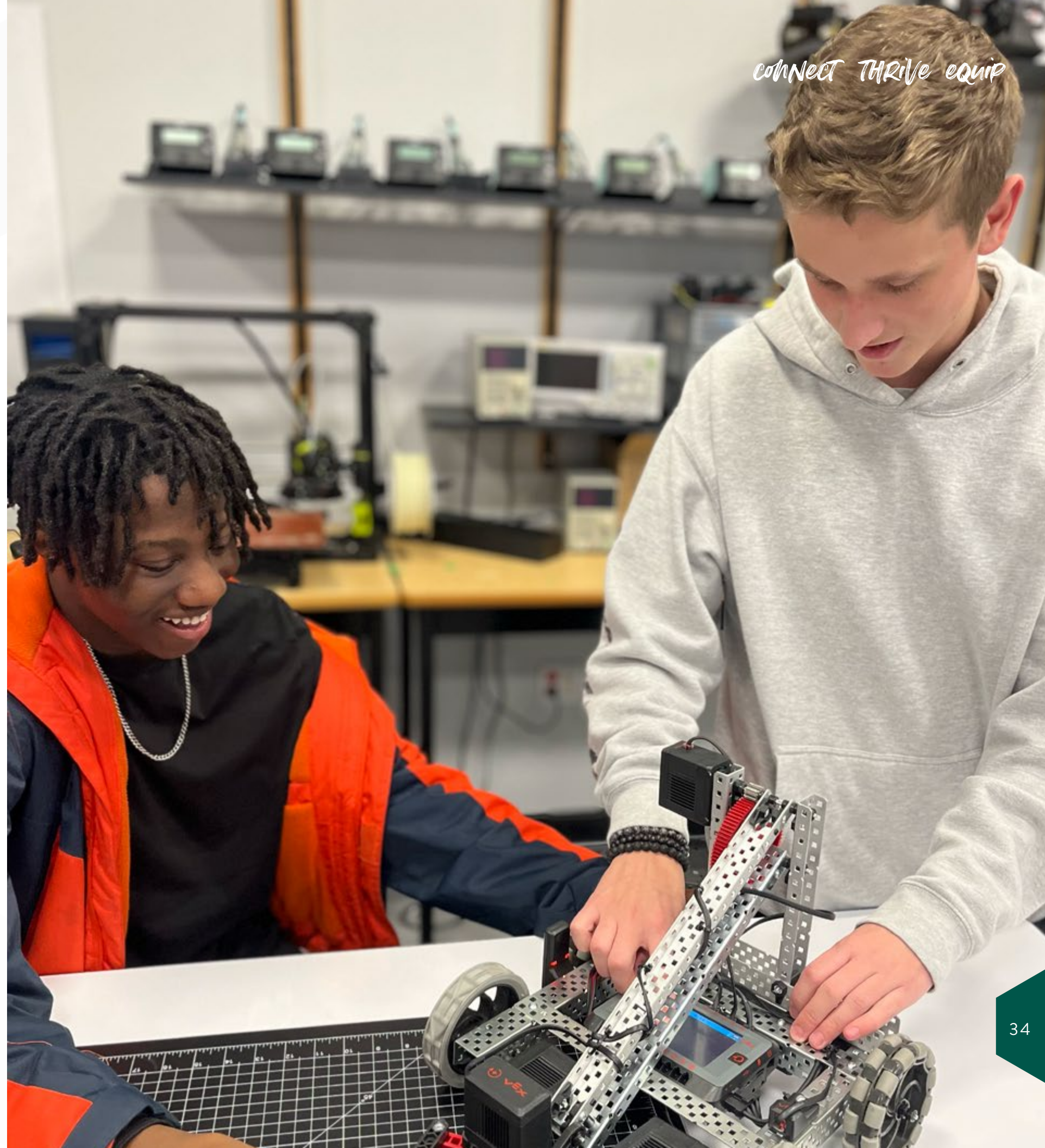
Shop 9 (Discovery Trades Explorations 9)

Look forward to some fierce Co2 race car competition in this course! Challenge classmates for an opportunity to beat the teacher. Discover how to use a variety of tools and equipment as you make a wood project for your home. Gain a basic understanding of how to work with metals - shaping fabrication, cutting and repurposing. Create artwork, jewelry or a puzzle. This is a hands-on course with a variety of fun projects.

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Spanish 9

Express yourself effectively in Spanish through oral and written activities. Grammar and vocabulary are practiced in interactive activities that focus on language functions necessary to the performance of a final communication task of presenting a play. Culture will be studied through foreign film, a brief study in geography, and colloquialisms, and activities that explore holidays and celebrations of the Hispanic world.



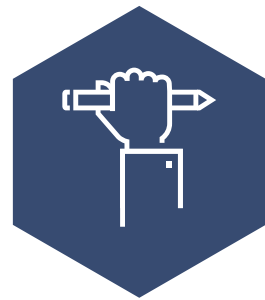
GRADE 10 PROGRAM





GRADE 10 PROGRAM

Art Studio 10



Experience a variety of media and materials to build on the use of principles and elements of design. Emphasis on the use of colour, learn to engage with Art movements throughout history while relating work to current culture. Students will be challenged to relate faith to creativity and learn to recognize God’s beauty in the things we create! Course Requirements:

1. Begin development of a personal art portfolio containing completed assignments;
2. Sketchbook drawing and writing assignments

Course Fee \$15 per student.

Band 10 (Instrumental Music: Concert Band 10)



In Instrumental Music 10 (Senior Band), students build on the component skills of musicianship acquired in Music 9, and perform a wide variety of music from the popular, visual media (movies & video games), and wind band idioms, at an average difficulty level of 2-3 out of 6 levels (where level 5 and 6 is professional level music). The Senior Band performs the most music of any instrumental group in the school. Senior Band students will have the opportunity to participate in a local or regional educational or competitive music festival, and will take part in a multi-night performance tour somewhere within Western Canada or Washington State, with every 2-3 years being a larger Performing Arts Tour to a further away destination (such as California, Quebec/Ontario, South/East USA, etc.). Students will create their own music during one or more composition projects using music technology.

Course Requirements: completed Band 9 (or equivalent/audition) the previous year.



Biblical Studies 10

Biblical Studies 10 students study the raw human experiences and expression of the Psalmists worshipping God through lament, corporate prayer, and participation of the ancient Israelite communities through enacted theology. Students will survey the New Testament by exploring the Gospels, the work of the Spirit in the Book of Acts, and the New Testament letters that detail the formation of the early church and growth of Christianity. They will develop an ethical decision-making framework to apply scripture and assess impact on critical issues. And students will grapple with conversations about God’s intentions for diversity, what it means to take up Jesus’ posture of hospitality and welcome in our school community, and participate in God’s reconciliation, redemption, and restoration of the world by our actions.



Career Life Education (CLE) 10

Career Life Education (CLE) 10 is a required course for students in BC and is mandatory for high school graduation. Learn to become a self-directed individual who sets goals, makes thoughtful decisions, and takes responsibility for pursuing goals after high school and throughout your life. Explore and reflect on “who you are” (present), who you CAN be (“potential you”), you who you WANT to be (“future you”).



Computer Science 10 (Computer Studies 10)



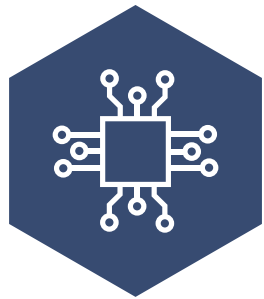
Discover new computer skills and see how we can use these skills to influence the world around us. Understand the basics of computer hardware by taking apart a computer. Practice soldering and circuit building. Learn office suites and how software packages help in a professional setting. Includes writing formal business letters, making GIFs with google slides and using excel to perform complicated calculations. Explore skill sets needed to pursue careers in computers and IT.

Drama 10



Students will continue to develop skills in each of the four elements of drama through work in areas including movement, mime, improvisation, voice, and scene work/play building. Ensemble performance and scene work will be introduced. Evaluation will be based on involvement and participation. This course is highly participatory.

Electronics & Robotics 10



Learn new skills, practice the design process, and exercise creativity on a day to day basis. Learn how to think in terms of inputs and outputs and the ethical responsibilities of programming an autonomous vehicle. Continue to master skills in CAD, drafting, 3D printing and electronic design. Complete independent design projects that can help the community.



English Language Learning 10

Designed to support students for whom English is an additional language. The course will focus on the language skills of reading, writing, speaking, and listening that pertain particularly to the classroom setting. Subject-specific vocabulary and course concepts will be taught to reinforce what is happening in the classroom. Individual and small-group support will be provided to assist students with individual language learning needs.

English 10

Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. They will read and study compositions by other writers and consider a variety of styles as models for the development of writing. They will build writing competencies by using varied structures, forms, and styles of compositions, and develop writing through processes of drafting, reflecting, and revising. They will delve more deeply into literature and explore specific themes, periods, authors, or areas of the world through literary works in a variety of media. Close reading of appropriately challenging texts will increase their literacy skills, enhance development of the English Language Arts curricular competencies, expand development as educated Christian global citizens, develop balance and broaden understanding of the world, and develop higher-level thinking and learning skills.



Food Studies 10

Food is Life! Celebrate the skills and techniques needed in the kitchen. Learn food safety and healthy food prep and kitchen maintenance skills. This very hands-on course will have students learning to work together to make delicious and nutritious food. Prerequisites: a love of food.

Course Fee \$25 per student.





French 10



Enjoy a variety of listening, speaking, reading, and writing activities, and hands-on experiences. Rooted in the curricular competencies of Thinking and Communicating, and Personal and Social Awareness, students will explore stories and creative works through the 5 Cs of language study: communication, culture, connections, comparisons and community. Explore a variety of literature: fables, biographies of famous Canadians, the poetry of Jacques Prevert, Scripture and the abridged novel Lancelot, as well as two French Films.

Jazz Band 10



Pop, swing, Latin, ballad, and funk - let's explore jazz music! Jazz Band In Instrumental Music: Jazz Ensemble [9-12][, students perform a wide variety of music written for "big bands" in the American Jazz tradition, from swing to latin, ballads, funk, rock, and various latin and Afro-Cuban styles. Students learn the fundamentals of jazz improvisation and stylistic aspects of Jazz that are distinct from other styles of musical performance. The Jazz Band performs at a local competitive Jazz Festival and may also tour to the USA for additional festival, performance, and/or listening opportunities.

Course Requirements: *Students in Jazz Band 10 are required to also be enrolled in Band 10.*

Foundations of Mathematics and Pre-Calculus 10



Mathematics is an essential tool to understand, interpret, and describe the quantitative aspects of God's creation. Mathematics 10 is designed to provide you with the opportunity to further your knowledge, skills, and attitude related to mathematics. As curious, active learners you come to class with individual interests, abilities, and needs. Explore the prescribed mathematics concepts and discover how mathematics gives better understanding of God's creation and subsequently, our Creator.

Strongly recommended: *a minimum of a developing level of proficiency in Mathematics 9.*

Workplace Mathematics 10



Prepares students for mathematics in the workplace and focuses on real- world applications of mathematics. The course focuses on helping students build skills around four main ideas: proportional reasoning, measurement of 3 - dimensional objects, number sense and flexibility with number, and representing and analyzing data to make sense of it. The main concepts covered in this course involve a look at finance, measurements, scales and shapes. There are assignments, chapter tests and projects in which students will apply their understanding and develop competencies.

Course Fee \$35 per student.

Physical and Health Education 10



Understanding for each sport and activity will peak in the team settings. Students will make life-long choices and commitments to fitness and health. Students will be asked to commit themselves to responsible actions before God and others in fitness and play pursuits. Self-motivation and control are challenges to each student in accordance with program requirements. Physiological demands of exercise will become a bigger issue in Physical Education 10.



High Performance Physical Education 10

Developed in order to provide athletes who want to specialize in a specific sport an opportunity to do so while maintaining an appropriate and safe total-athlete development. Develop strength, speed and agility through strength and conditioning practices, participate in multisport activities, compete with other top athletes in the school, and improve knowledge and skills in specific sport/s by receiving expert coaching and instruction. The ultimate goal of HP PE is to ensure the athletes have an opportunity to reach their maximum potential while remaining within the regular school schedule/structure.



- Sport Specific Training: Skills, Strategies & Tactics specific to the major sport the athlete is involved in. Approximately one third of class time.
- Multi-Sport Training: Various cross-training activities and games designed to improve student's overall athletic ability and game understanding. Approximately one third of class time.
- Fitness: Agility, Power & Speed, Strength, Flexibility, Aerobic Fitness, Anaerobic Fitness, FMS Testing/Building. Approximately one third of class time.
- Academic: Biomechanics, Sport Nutrition, Mental Skills, Goal Setting, Rules and Regulations, Possible Coaching Certification. Implemented throughout the year on a constant basis as part of lessons.
- Grouping: Dependent on numbers registered Course Requirements: Completion of Application Form.

Science 10

Explore a range of content and curricular competencies through labs and learning activities, providing both hands-on experience as well as interaction with concepts. Examine the following Big Ideas in Science: genes are the foundation for the diversity of living things; chemical processes require energy change as atoms are rearranged; energy is conserved and its transformation can affect living things and the environment, as well as the formation of the universe. Using the framework of "Know, Do and Understand", gain a well-rounded set of skills and content.



Science 10 Honours

Science 10 Honours is an advanced science course for students in Grade 10 who wish to pursue Honours and AP science courses in the future. This course accelerates students forward in their studies by digging deeper into the concepts at hand by enhancing information and developing high level laboratory skills. Explore a range of content and curricular competencies through labs and learning activities, providing both hands-on experience as well as interaction with concepts. Examine the following big ideas in science: genes are the foundation for the diversity of living things; chemical processes require energy change as atoms are rearranged; energy is conserved and its transformation can affect living things and the environment, as well as the formation of the universe. Using the framework of "Know, Do and Understand", gain a well-rounded set of skills and content.

Strongly recommended: A minimum of a proficient level of achievement in Science 9, and the recommendation of Science 9 teacher.

Social Studies 10

Relive the story of Confederation and other steps to independence to help us understand the important task of community-building and nation-building. Study international conflict and its role in shaping Canadian and world identities. Investigate the role of government in our lives, and how people can work to influence elected leaders. Finally, investigate past and current injustices as an important step to resolving them.



Spanish 10

Speaking, reading, writing and listening skills are practiced through a variety of entertaining units, enthralling telenovelas, classroom games, daily routines and time spent in devotion together. Learn to love Spanish, and in return love to learn about the language and culture.





Power Technology 10

Through hands-on activities, such as oil changes, tires changes, wheels, battery service, basic tune-up, torque, lube, cooling systems, and fasteners, learn how to take care of a vehicle! Learn all about safety, the combustion engine, oils and lubrication, disassembly and reassembly, tools specific to repair, energy transfer, alternative transportation and regular maintenance. This is an introductory course in automotive technology that covers a broad range of topics. The automotive trade has become very high tech and in order to do repairs well, the following skills need to be developed and reinforced: numeracy, information gathering, problem solving, collaborative learning and work habits, leadership and hands-on repairs.



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Woodwork 10

Learn a variety of new skills such as how to work with raw materials using hand and stationary tools in the completion of a project. Understand plans and drawings, identification, characteristics, and sustainability of wood and cultural appropriation as it pertains to projects. This may lead to a future career!



GRADE 11 PROGRAM





GRADE 11 PROGRAM

AP Computer Science Principles 12



AP Computer Science Principles (CSP) introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a challenging, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in. To appeal to a broader audience, this course emphasizes the vital impact advances in computing have on people and society. The course goes beyond the study of machines and systems and gives students the opportunity to investigate computing innovations that span a variety of interests and to examine the ethical implications of these new technologies.

Course Fee \$25 per student + \$145 AP Exam Fee = \$170 per student.



AP Psychology 12

What impels us to act? How does memory work? What happens when someone is “mentally ill”? How can he/she be helped back to health? How do humans develop cognitively and emotionally? How are fears created? How was my self-concept developed? What is the interplay between thought and behavior? Does my brain control me, or do I control it? How much of “me” was determined genetically at birth, and how much was acquired by experience and learning? Do I have freedom and control of my behavior or does my psyche control me? How much am I in charge of my life? These and many other fascinating questions will frame the subject matter of this course. The purpose of the AP course in Psychology is to introduce you to the systematic and scientific study of the behavior and mental processes of human beings and other animals.

Course Fee \$145 AP Exam Fee.

Active Living 11

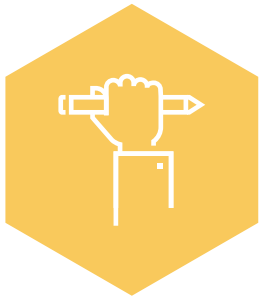


This course enables students to explore the benefits of lifelong participation in active recreation and healthy leisure and to develop the leadership skills needed to plan, organize, and safely implement recreational events and other activities related to healthy, active living. Students will engage in the exploration of holistic health emphasizing the concept of wellness, which addresses all aspects of well-being – physical, cognitive, emotional, spiritual, and social – and promotes healthy eating, physical activity, and building and maintaining a positive sense of self. Students will also learn the benefits of healthy, active living through assisting them in making informed decisions that enhance their well-being. Students will apply the skills necessary to make healthy choices through creating a personal wellness plan. Lastly, students develop leadership skills to plan, design and execute initiatives that support others to lead healthy, active lives.

Course Fee \$100 per student.



Art Studio 11



Discern how to express creativity and faith through a variety of different media and materials. Critically think about design choices and discover how the growth in Art is an ongoing process. Gain a stronger ability to recognize God’s beauty in the world and also in individual creativity! Art History is included. Students will continue development of a personal art portfolio containing completed assignments, a sketchbook drawing and writing assignments and participate in presentation and discussion.

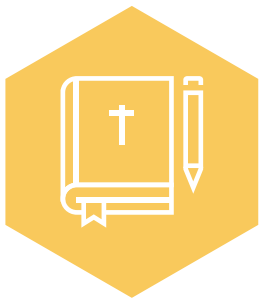
Course Fee \$15 per student.

Automotive Technology 11



Learn how to take care of a car, starting with how to purchase a good used vehicle. Explore safety, social, legal, and ethical responsibilities associated with vehicle operation, technical information, such as, manuals, tools and equipment, lifting equipment, chassis and body, engine diagnostics, emerging energy sources, and vehicle systems and life cycles. (This course is offered every other year in rotation with Automotive Technology 12).

Biblical Perspectives on Philosophy | 12



In the Biblical Studies 12 Philosophy course stream, we will seek to analyze and investigate key questions of the fundamental nature of knowledge, reality, existence, and the nature of God. As a Christian learning community committed to understanding how the Bible informs our perspectives, we will develop critical, reflective, and interpretive practices to explore the beliefs of others and develop our ability to justify our perspectives. Students will develop an ethical decision-making framework to apply scripture and assess impact on critical, real-world issues pertaining to faith, spirituality, knowledge, technology, world ideologies, and worldview questions requiring Biblical discernment. This course seeks to build a community of learners as we search the timeless truths of God’s Word and construct an understanding of how Christians think about the world.

Biblical Perspectives on World Religions | 12



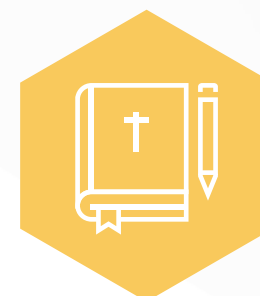
In the Biblical Studies 12 World Religions course stream, we will seek to develop a framework to investigate the systems of action and interactions of people in religious communities as well as the experiences of individuals and their engagement with religious beliefs and practices. They will examine current research on the impact of religion on society and explore questions that pertain to the Bible’s theological claims about the nature of the church and concepts such as evangelism, denominationalism, beauty, transcendence, sacred and supernatural. This course seeks to build a community of learners as we search the timeless truths of God’s Word and construct an understanding of how Christians engage with people of religious communities and faith.

Biblical Perspectives on Social Justice | 12



In the Biblical Studies 12 Social Justice course stream, we will seek to explore the impact of the fall and devastation that sin has caused in the created order in contrast to God’s plan for restoring the world in the new creation. Students will investigate Biblical texts that provide an assessment of God’s reconciliation, redemption, and restoration of the world and how the church is to partner with God’s work. The course intends to encourage students to love God with their heart, soul, mind, and strength and love their neighbor as themselves. And students will apply their learning experientially as they participate in service-learning initiatives, while cultivating themselves as caring, open-minded, and people who take initiative towards God’s healing in the world.

Biblical Perspectives on Art History | AP 12



In the senior Biblical Studies 11/12 AP Art History course, we will seek to develop a framework to investigate the way that Christian belief, practices, and values have informed art foundations in a range of global and contextual spaces. Art is a fundamental expression of the human experience that explains us much about what we believe the world is like. As a Christian learning community committed to understanding how the artist informs our perspectives, we will develop the tools to explore a range of global contexts informing Christianity’s development. We will explore the characteristics of art interpretation, individual and communal identity, ethics, institutional and social structures, sacred texts, the role of art and expression, and the relationship between Christian thought and secular values. The process is designed to cultivate appreciation for diverse perspectives as well as build confidence in one’s own theological foundations.

Course Fee \$145 AP Exam Fee.



Career Life Connections 12



Career Life Connections (CLC) 11/12 is a required course for students in BC and is mandatory for high school graduation. Designed to identify and develop each student's personal interests, passions and goals. Reflect on learning experiences and competency development in school and community, and explore roles and possibilities in personal, education and work-life contexts. CLC facilitates community networking and experiential learning to benefit decision making both inside and outside of the school.

Chemistry 11



Examine various aspects of creation, including the interaction of atoms and molecules with one another, God's creativity and awesome power will become evident. Break creation down to subatomic particles in an attempt to understand its workings, be reminded to look up at the Creator who has given the ability to inquire. A deeper respect for and understanding of creation and a greater love for the Creator are two goals of this course.

Strongly recommended: Well developed laboratory skills and a *proficient or extending level of achievement* in Pre-Calculus 10 and Science 10; registration in Pre-Calculus 11.

Course Fee \$35 per student.

Chemistry 11 Honours (Pre-AP)



Chemistry 11 Honours is similar to the regular Chemistry 11 course but proceeds at a faster pace. It adds units on gases and nuclear Chemistry. Laboratory work is emphasized to a greater extent. This course is required for any student considering Advanced Placement Chemistry 12; however, it is open to all grade 11 and 12 students with a keen interest and proficient ability in math and science.

Strongly recommended: Well developed laboratory skills and a high proficient or extending level of proficiency in Pre-Calculus 10 and Science 10; registration in Pre-Calculus 11.

Course Fee \$35 per student.

English Language Learning 11



Designed to support students for whom English is an additional language. Focus on the language skills of reading, writing, speaking, and listening that pertain particularly to the classroom setting. Subject-specific vocabulary and course concepts will be taught to reinforce what is happening in the classroom. Individual and small-group support will be provided to assist students with individual language learning needs.

Composition 11



The students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of writing. They will have opportunities, with increasing independence, to study and create and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through

English 11 General Notes:

Students who are considering AP English Literature and Composition in Grade 12 will benefit from choosing Literary Studies or Composition. Students who select New Media will require an interview with Mrs. Kondos to be considered for AP English. Students will be challenged to higher level thinking and sophisticated written work in all their Grade 11 English courses.

Physical Geography 12



Geography is a course that bridges the gap between the humanities and the sciences. Emphasizes the science of how the Natural Creation functions, how it shapes the lives of people, and how, in turn, people have affected it. The key concepts of sustainability and Christian stewardship are the values that significantly shape the perspective of this course.



20th Century World History 12



Major units in the course are the World before 1900, the world wars and the rise of dictatorships, internationalism as seen in the United Nations and the Cold War, conflict between nationalism and imperialism, and the ongoing tension in the Middle East. Our goal is to understand the development of the modern world and a Canadian's place in it.

Law 12



Explore the world of law and how it affects society. Law is not only about making choices about what is right and wrong, but also about safety, security, and accountability. To have laws that work for society we must evaluate laws and improve what we already have. This introduction to law will spark a lot of discussion and debate and will ask students to put

Literary Studies 11



Students will study novels, short stories, dramas, poetry and/or graphic novels to enhance literary skills and challenge higher-level learning. Several genres and periods will be covered. Discussions on character, conflict, and challenging themes and how it relates to issues faced in today's world are a main focal point. Students will respond to literature in the form of composition, creative writing, and/or oral.

Drama 11



Designed to further develop reflective, creative, and critical thinking skills, Drama 11 explores script analysis through monologue creation, scene study and play production. Connecting and appreciating the work of actors and their important roles as story-tellers in society is a primary focus. Furthering the work explored in other drama courses, students will continue to apply acting processes directly to play production, as well as build personal confidence by participating in class production projects. Frequently reflecting upon and assessing our work through direction and constructive feedback will facilitate learning. It is expected that students demonstrate respect for themselves, others and other cultures by maintaining a safe working environment where ensemble members are free to take personal risks to improve their personal confidence.



Genocide Studies 12

Understand the origins and development of the term "genocide", along with the economic, political, social, and cultural conditions of genocide. Discussions will include characteristics and stages, acts of mass violence and atrocities in different global regions, and evidence used to demonstrate the scale and nature of genocides. Explore movements that minimize the scope of this issue in the world and students will be challenged to recognize and respond to these events.

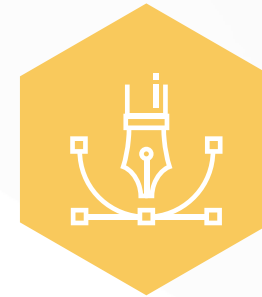
French 11



Discover how language and culture are interconnected and shape our perspective, identity, and voice and how exploring diverse forms of cultural expression promotes greater understanding of our own cultural identity. Using a variety of strategies, students will develop their proficiency in speaking, understanding, reading, and writing the French language through interaction with a variety of texts.

Important themes this year are childhood/family, including how we define culture and sense of place, the role of an individual's story in culture. When enrolment necessitates, French 11 will meet with French 12 with an adapted curriculum and/or topic adjustments.

Graphic Arts 11/12



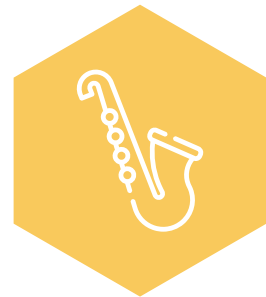
Develop skills in a variety of areas including computer use, digital camera photography and photo editing, design, typography, and marketing. Students will learn, practice, and enhance technical skills in a tasteful and sensitive manner. Although this course provides freedom and flexibility, students are expected to take full responsibility for their spreads, be self-disciplined, take initiative and complete tasks on time.



Instrumental Music 11: Concert Band



In Instrumental Music 11 (Senior Band), students build on the component skills of musicianship acquired in Music 10, and perform a wide variety of music from the popular, visual media (movies & video games), and wind band idioms, at an average difficulty level of 2-3 out of 6 levels (where level 5 and 6 is professional level music). The Senior Band performs the most music of any instrumental group in the school. Senior Band students will have the opportunity to participate in a local or regional educational or competitive music festival, and will take part in a multi-night performance tour somewhere within Western Canada or Washington State, with every 2-3 years being a larger Performing Arts Tour to a further away destination (such as California, Quebec/Ontario, South/East USA, etc.). Students will create their own music during one or more composition projects using music technology. **Course Requirements:** *Students are required to have completed Band 10 (or equivalent/audition) the previous year.*



Jazz Band 11

Pop, swing, Latin, ballad, and funk - let's explore jazz music! Jazz Ensemble 11 is an extension of the concert band program where students are able to explore a variety of jazz styles and genres at an advanced level. Students should expect to participate in a number of school and community performances, festivals when possible, and attend a spring band trip. Rehearsals are held outside the timetable before and/or after school.



Life Science 11

Explore a range of content and gain scientific skills through labs and learning activities, providing both hands-on experience as well as interaction with concepts. Examine how life is a result of interactions at the molecular and cellular levels; evolution occurs at the population level and organisms are grouped based on common characteristics. Be challenged to identify the beauty and diversity within God's creation and reflect on the importance of environmental stewardship.



Pre-Calculus 11

Explore the quantitative aspects of God's creation in preparation for further studies in mathematics. This course is designed to provide the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus.

Topics include algebra (absolute value, radical and rational expressions, and equations), relations and functions (polynomial, quadratic, and reciprocal functions), and trigonometry (angles in standard position, sine, and cosine laws).

Strongly recommended: a minimum of a high-developing level of proficiency in Pre-Calculus 10.

Course Fee \$35 per student.



Foundations of Mathematics 11

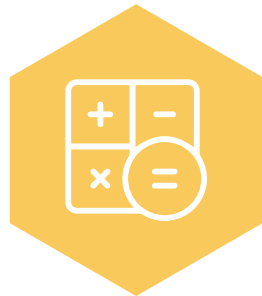
Explore many of the essential tools that will enable you to better understand God's creation and subsequently, your Creator. The mathematical literacy gained will prepare you for the demands of further education and the workplace. Foundations of Mathematics 11 satisfies the mathematics requirements for both high school graduation and post-secondary admission. This pathway is designed to provide the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus.

Strongly recommended: a minimum of a developing level of proficiency in Pre-Calculus 10.

Course Fee \$20 per student.



Workplace Mathematics 11



Designed to provide the mathematical understandings and critical thinking skills identified for entry into the majority of trades and for direct entry into the workforce. Topics include algebra (formula application and manipulation, slope, proportional reasoning, problem solving), geometry (triangles, scale, 3D objects), measurement (metric and imperial units, surface area, volume, capacity), statistics (analyzing graphs), and finances (budgets, interest, credit). Students choosing this pathway intend to pursue a trade-related career.

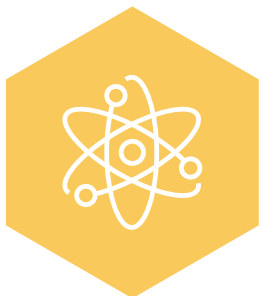
Course Fee \$35 per student.

Psychology 11



Engaging introduction to the essential topics of Psychology. Learn more about yourself and the people around you. Gain insight into mental illness and a greater appreciation for human life at all ages. Includes eight selected units from the first post-secondary year program in the field of psychology.

Physics 11



An introductory course in physics allowing students to investigate God's design as revealed in creation. Using lab experiences and practical problem-solving strategies, study how things move (kinematics), why things move (dynamics), and investigate momentum, energy, waves, light, optics and electric circuits.

Strongly recommended: A proficient level of achievement in Science 10 and Pre-Calculus 10; registration in Pre-Calculus 11.

Course Fee \$35 per student.

High Performance Physical Education 11 (Fitness and Conditioning 11)



Developed in order to provide athletes who want to specialize in a specific sport an opportunity to do so while maintaining an appropriate and safe total-athlete development. The course provides athletes with the chance to develop their strength, speed and agility through strength and conditioning practices, to participate in multisport activities, to compete with other top athletes in the school, and to improve knowledge and skills in their specific sport/s by receiving expert coaching and instruction. The goal of HP PE is to ensure the athletes have an opportunity to reach their maximum potential while remaining within the regular school schedule/structure.

- Sport Specific Training: Skills, Strategies & Tactics specific to the major sport the athlete is involved in. Approximately one third of class time.
- Multi-Sport Training: Various cross-training activities and games designed to improve student's overall athletic ability and game understanding. Approximately one third of class time.
- Fitness: Agility, Power & Speed, Strength, Flexibility, Aerobic Fitness, Anaerobic Fitness, FMS Testing/Building. Approximately one third of class time.
- Academic: Biomechanics, Sport Nutrition, Mental Skills, Goal Setting, Rules and Regulations, Possible Coaching Certification. Implemented throughout the year on a constant basis as part of lessons.
- Grouping: Dependent on numbers registered

Course Requirements: Completion of Application Form.



Recreation Leadership 11



Develop leadership skills by joining the LCS Athletics Rec Leadership Team. Offered outside of the timetable (approximately 50% in class and 50% experiential). Discuss leadership theory and practice as well as plan for a variety of athletic and community events. All members of this team will benefit from leadership development, increased confidence, improved organizational skills, and ability to work effectively in a group. Classes are typically held outside of the timetable. Experiences from this class will provide excellent resume builders and will translate into many important life skills.

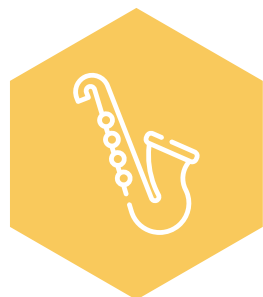
Course Requirements: Completion of application form.

Spanish 11



Build upon the conversational and written skills they acquired in Spanish 9 & 10 and develop composition styles. Beginning with a brief review of materials covered in Spanish 10, communication skills and grammar structure will be developed further.

Jazz Band 11



In Instrumental Music: Jazz Ensemble [9-12][], students perform a wide variety of music written for “big bands” in the American Jazz tradition, from swing to latin, ballads, funk, rock, and various latin and Afro-Cuban styles. Students learn the fundamentals of jazz improvisation and stylistic aspects of Jazz that are distinct from other styles of musical performance. The Jazz Band performs at a local competitive Jazz Festival and may also tour to the USA for additional festival, performance, and/or listening opportunities.



Woodwork 11

Woodwork offers avenues to pursue careers based on craftsmanship. Technical education provides opportunities to create new objects using tools and processes in a variety of settings. Develop an attitude of servanthood through activities that focus on stewardship and community. Learn a variety of new skills such as how to work with raw materials using hand and stationary tools in the completion of a project. Other skills include complex woodwork and design, creation of plans, selection of materials based on characteristics, maintenance and adjustment of machinery, types and purposes of joinery, methods for preparing materials for sanding, defects in materials, preparing for application of finish and types, sharpening procedures, career options in context, and client skills.

Youth Work in Trades 11 (apprenticeship)



The Youth Work in Trades course combines paid work-based training and the Industry Training Authority (ITA) requirements for students to obtain hours towards a recognized BC trades programs or Red Seal trades program, which are recognized provincially and nationally. The main goal of the YWIT program is to help students begin their apprenticeship training for students who have a good idea of their career path. The Youth Work in Trades program is designed for students who are currently working part time in a trade, under a certified person, or who know of someone who might hire them to work in a recognized trade. Once a student is able to secure a sponsor company, they can earn four credits for every 120 hours of work completed and successful completion of required coursework for a total of 16 credits. Up to 480 work-based hours can count towards their trade credentials.

WorkBC Apprentice Job Match

Course Requirements: Students must get pre-approval from Mr. Lee before signing up for this course.

GRADE 12 PROGRAM





GRADE 12 PROGRAM

connect thrive equip

AP Biology 12



AP Biology is a higher-level course designed for students interested in enrolling in biology or health sciences at a postsecondary institution. Students will explore biochemistry, cellular structure, cellular respiration and photosynthesis, cell communication and the cell cycle, heredity, gene expression and regulation, natural selection, and ecology. There will be a strong focus on inquiry-based laboratory investigations and the development of higher level critical thinking skills. Writing the AP Biology exam in May is a course requirement.

Course Requirements: Students must complete Life Science 11 Honours or Anatomy and Physiology 12 Honours prior to enrolling in AP Biology.

Strongly recommended: A proficient level of achievement in Chemistry 11 and the endorsement of a grade 11 science teacher; registration in Chemistry 12.

Course Fee \$145 AP Exam Fee

AP Chemistry 12



Advanced Placement Chemistry is a first-year college course in general chemistry offered at the high school level. Students will cover more topics and need to spend more time on the course over the usual grade twelve chemistry course. There is an emphasis on chemical calculations, mathematical formulation of principles, and the higher level of laboratory work done by the students. The five major topics from regular chemistry twelve (Kinetics, Equilibrium, Solubility, Acid/ Base and Electrochemistry) are all developed in considerable detail along with an additional unit in Thermodynamics. Writing the AP Chemistry exam in May is a course requirement.

Course Requirements: Students must complete Chemistry 11 Honours prior to AP Chemistry

Strongly recommended: An proficient level of achievement in Chemistry 11 Honours and Pre-Calculus 11; registration in Pre-Calculus 12.

Course Fee \$35 per student + \$145 AP Exam Fee = \$180 per student.



AP Computer Science Principles 12

AP Computer Science Principles (CSP) introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a challenging, engaging, and approachable course that explores many of the foundational ideas of computing, so all students understand how these concepts are transforming the world we live in. The course goes beyond the study of machines and systems and gives students the opportunity to investigate computing innovations that span a variety of interests and to examine the ethical implications of these new technologies. Writing the AP Computer Science exam in May is a course requirement.

Course Fee \$25 per student + \$145 AP Exam Fee = \$170 per student.

AP Psychology 12



What impels us to act? How does memory work? What happens when someone is "mentally ill"? How can he/she be helped back to health? How do humans develop cognitively and emotionally? How are fears created? How was my self-concept developed? What is the interplay between thought and behavior? Does my brain control me, or do I control it? How much of "me" was determined genetically at birth, and how much was acquired by experience and learning? Do I have freedom and control of my behavior or does my psyche control me? How much am I in charge of my life? These and many other fascinating questions will frame the subject matter of this course.

The purpose of the AP course in Psychology is to introduce you to the systematic and scientific study of the behavior and mental processes of human beings and other animals. You will be exposed to psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. Writing the AP Psychology exam in May is a course requirement.

Course Fee \$145 AP Exam Fee.

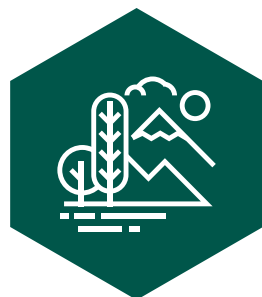


BC First Peoples 12 (Land & Covenant)



Our clear vision for Christian education is to become more like Christ as we serve others and participate in God’s reconciliation, redemption, and restoration of the created world. Nurtured and tested by an Old Testament perspective of land and covenant, students will actively investigate the challenges of historical difference and the urgent need for cultural restoration between themselves and the First Peoples in the Fraser Valley. Through an intentional, interdisciplinary study of topics in the classroom—geography, land management, economics, history, art, story, photography, philosophy, theology and biology—students will develop a holistic perspective of the cultural landscapes in the Fraser Valley. Together, they will regularly venture into the traditional lands of the First Peoples along the Fraser River, where they can explore and experience the tangible beauty of this historical place and space (outside of the classroom). This course will focus on the “First Learning Principles” of experience, relationship and responsibility, so that students can develop knowledge, skills and identity in a dynamic learning community.

Active Living 12



This course enables students to explore the benefits of lifelong participation in active recreation and healthy leisure and to develop the leadership skills needed to plan, organize, and safely implement recreational events and other activities related to healthy, active living. Students will engage in the exploration of holistic health emphasizing the concept of wellness, which addresses all aspects of well-being – physical, cognitive, emotional, spiritual, and social – and promotes healthy eating, physical activity, and building and maintaining a positive sense of self. Students will also learn the benefits of healthy, active living through assisting them in making informed decisions that enhance their well-being. Students will apply the skills necessary to make healthy choices through creating a personal wellness plan. Lastly, students develop leadership skills to plan, design and execute initiatives that support others to lead healthy, active lives.

Course Fee \$100 per student.



Anatomy & Physiology 12

Take a detailed look at two main aspects of creation, cells and the human body. Explore God’s goodness and creativity in His design of cell structure, cell processes, and the human body. The content of the course (biochemistry, cell structure and function, DNA and protein synthesis, body systems such as the digestive, nervous and reproductive systems) is very extensive and will require a strong work ethic to ensure successful course completion.

Anatomy & Physiology 12 Honours (Pre-AP)

Anatomy and Physiology 12 Honours includes both Anatomy and Physiology 12 and the first two units of AP Biology. Students will investigate two fundamental components of creation, cells and the human body through exploring God’s goodness and creativity in the design of cell structure, cell processes, and human body systems. Anatomy and Physiology 12 Honours is an extensive course; organisation and a strong work ethic are essential to success. In the AP Biology units, students will study biochemistry and cell structure in addition to further developing their laboratory and inquiry skills. Students who complete Anatomy and Physiology 12 Honours may enrol in AP Biology, a course equivalent in rigour to a post secondary level biology course.

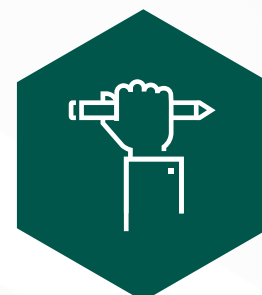
Strongly recommended: An proficient level of achievement in Chemistry 11 and Pre-Calculus 11, or concurrent registration in Chemistry 11 and Pre-Calculus 11.



Art Studio 12

Experience more freedom in choice of materials and engage with complex ideas. Be challenged to relate faith to creativity and personal growth and be expected to independently plan, research and carry out work. Understanding that we are all made in the image of God and therefore are all creative, think critically and creatively when it comes to expressing ideas. There will be a time for personal and peer reflection; Art History is included.

Course Fee \$15 per student.





Automotive Technology 12



In addition to working on the drag car, learn safety, complex repair and maintenance, advanced tools and equipment, engine and vehicle modifications, diagnostic and assessment methods, transmissions and gearing, electrical, mechanical and fuel systems, overhaul and repair.

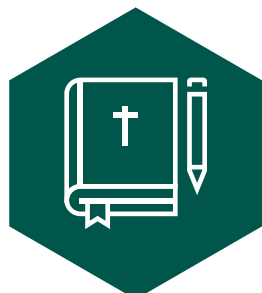
Understand what a career in the automotive industry looks like, develop client skills for customers. This course is offered every other year in rotation with Automotive Technology 11. Students are not required to have taken Automotive Technology 11 to be in Automotive Technology 12.

Biblical Perspectives on World Religions (12)



In the Biblical Studies 12 World Religions course stream, we will seek to develop a framework to investigate the systems of action and interactions of people in religious communities as well as the experiences of individuals and their engagement with religious beliefs and practices. They will examine current research on the impact of religion on society and explore questions that pertain to the Bible's theological claims about the nature of the church and concepts such as evangelism, denominationalism, beauty, transcendence, sacred and supernatural. This course seeks to build a community of learners as we search the timeless truths of God's Word and construct an understanding of how Christians engage with people of religious communities and faith.

Biblical Perspectives on Art History (AP 12)



In the senior Biblical Studies 11/12 AP Art History course, we will seek to develop a framework to investigate the way that Christian belief, practices, and values have informed art foundations in a range of global and contextual spaces. Art is a fundamental expression of the human experience that explains us much about what we believe the world is like. As a Christian learning community committed to understanding how the artist informs our perspectives, we will develop the tools to explore a range of global contexts informing Christianity's development. We will explore the characteristics of art interpretation, individual and communal identity, ethics, institutional and social structures, sacred texts, the role of art and expression, and the relationship between Christian thought and secular values. The process is designed to cultivate appreciation for diverse perspectives as well as build confidence in one's own theological foundations.

Course Fee \$145 AP Exam Fee.



Biblical Perspectives on Philosophy (12)

In the Biblical Studies 12 Philosophy course stream, we will seek to analyze and investigate key questions of the fundamental nature of knowledge, reality, existence, and the nature of God. As a Christian learning community committed to understanding how the Bible informs our perspectives, we will develop critical, reflective, and interpretive practices to explore the beliefs of others and develop our ability to justify our perspectives. Students will develop an ethical decision-making framework to apply scripture and assess impact on critical, real-world issues pertaining to faith, spirituality, knowledge, technology, world ideologies, and worldview questions requiring Biblical discernment. This course seeks to build a community of learners as we search the timeless truths of God's Word and construct an understanding of how Christians think about the world.



Biblical Perspectives on Social Justice (12)

In the Biblical Studies 12 Social Justice course stream, we will seek to explore the impact of the fall and devastation that sin has caused in the created order in contrast to God's plan for restoring the world in the new creation. Students will investigate Biblical texts that provide an assessment of God's reconciliation, redemption, and restoration of the world and how the church is to partner with God's work. The course intends to encourage students to love God with their heart, soul, mind, and strength and love their neighbor as themselves. And students will apply their learning experientially as they participate in service learning initiatives, while cultivating themselves as caring, open-minded, and people who take initiative towards God's healing in the world.



Calculus 12

Explore the dynamic quantitative aspects of God's creation. Whether you are curious about the path a planet or a football takes, this discipline provides the tools to explore those ideas. Prepares students for the demands of further education in a university or college setting. First year university Calculus is often seen as an insurmountable hurdle to jump. Becoming familiar with the concepts and terminology of Calculus, through a high school course, is a great asset.

Strongly recommended: An proficient level of achievement in Pre-Calculus



CLC 12 & Capstone



Career Life Connections (CLC) 12 is a required course for students in BC and is mandatory for high school graduation. Designed to identify and develop each student’s personal interests, passions and goals. Reflect on learning experiences and competency development in school and community, and explore roles and possibilities in personal, education and work-life contexts. CLC 12 and the Capstone Project are the culmination and celebration of years of dedication and hard work in high school. CLC 12 is designed to allow graduates of the British Columbia high school program to showcase not only knowledge, but also ability to accurately reflect on and evaluate learning; both are important skills that will be essential in the future.

Chemistry 12



Introductory chemistry course that will stress both laboratory skills and conceptual understanding. Study reaction kinetics, equilibrium, solubility and precipitates, acids and bases, and electrochemistry. An emphasis will be placed on practical applications.

Strongly recommended: Well developed laboratory skills and a proficient level of achievement in Pre- Calculus 11 and Chemistry 11; registration in Pre-Calculus 12.

Course Fee \$35 per student.

Drama 12



Designed to further develop reflective, creative, and critical thinking skills, Drama 12 explores script analysis through monologue creation, scene study and play production. Connecting and appreciating the work of actors and their important roles as story-tellers in society is a primary focus. Furthering the work explored in other drama courses, students will continue to apply acting processes directly to play production, as well as build personal confidence by participating in class production projects. Frequently reflecting upon and assessing our work through direction and constructive feedback will facilitate learning. It is expected that students demonstrate respect for themselves, others and other cultures by maintaining a safe working environment where ensemble members



English Language Learning 12

Designed to support students for whom English is a second language. Focus on the language skills of reading, writing, speaking, and listening that pertain particularly to the classroom setting. Subject- specific vocabulary and course concepts will be taught to reinforce what is happening in the classroom and individual and small-group support will be provided to assist students with individual language learning needs.



English Studies 12

Students will explore a broad scope of Canadian, American, and British authors. They will study short stories, essays, novels, poetry, and a contemporary play, and respond in various forms of writing. This includes the extended literary analysis, narrative, descriptive, and expository pieces.



AP English Literature and Composition & English 12 (8 credits)

This course incorporates both the BC Ministry of Education’s English 12 and College Board’s AP English Literature and Composition’s curriculum. Students will become skilled at reading famous literature with a critical, analytical eye. Written assessments will showcase a formal and sophisticated style, and will cover expository, analytical, and argumentative writing. Students will be expected to do much of the reading in their own time and be ready to participate in class discussions. This will be an attractive addition to your transcript or Dogwood Diploma as you apply for jobs, university, or college. Since this course is in line with an entry-level literature (and composition) course at university and college, you will receive university or college credit if you achieve a 4 or 5 on the AP Exam. Students are required to write the AP English exam in May.

Strongly recommended: An proficient level of achievement in English 11 (Composition or Literature).

Course Fee \$145 AP Exam Fee.



Print Shop (Graphic Production) 12



Students will learn graphic design skills, technical skills, business strategy, and marketing techniques in order to ensure the LCS print shop is a profitable operation. Students will also get to think through their own business ideas and how to put together a business plan. In addition to this work, students will get an opportunity to interact with local businesses and entrepreneurs.

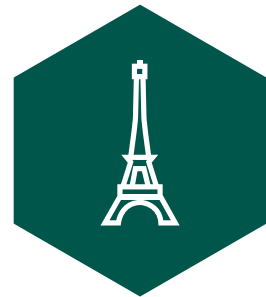
Food Studies 12



This course is hands-on. Learn cuisine from many cultures, strengthening core kitchen skills, and food safety. Consider safety and sanitation, and learn basic methods of food preparation. Develop and encourage deep thankfulness to God for the gift of food in our lives and culture. Students who previously took Food Studies 10 will be expected to lead in the classroom setting and inspire others by their example.

Course Fee \$50 per student.

French 12



Rooted in the curricular competencies of Thinking and Communicating, and Personal and Social Awareness, students will explore stories and creative works through communication, culture, connections, comparisons, and community. These proficiencies will be developed through interaction with current events, travel considerations, art/poetry and impressionism, francophone fables, and two or three francophone films. Important themes this year are expressing one's opinion, sharing hopes and intentions, and the role of language in culture. When enrolment necessitates, French 12 will meet with French 11 with an adapted curriculum.

Genocide Studies 12



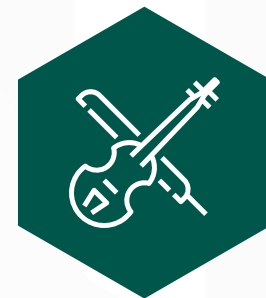
Understand the origins and development of the term "genocide", along with the economic, political, social, and cultural conditions of genocide. Discussions will include characteristics and stages, acts of mass violence and atrocities in different global regions, and evidence used to demonstrate the scale and nature of genocides. Explore movements that minimize the scope of this issue in the world and students will be challenged to recognize and respond to these events.

20th Century World History 12



Major units in the course are the World before 1900, the world wars and the rise of dictatorships, internationalism as seen in the United Nations and the Cold War, conflict between nationalism and imperialism, and the ongoing tension in the Middle East. Our goal is to understand the development of the modern world and a Canadian's place in it.

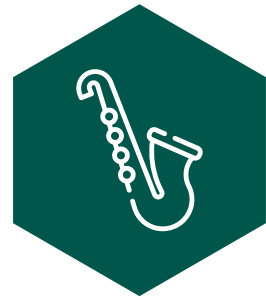
Instrumental Music 12: Concert Band



Concert Band 12 is a performance-based ensemble where students In Instrumental Music 12 (Senior Band), students build on the component skills of musicianship acquired in Music 11, and perform a wide variety of music from the popular, visual media (movies & video games), and wind band idioms, at an average difficulty level of 3 and up out of 6 levels (where level 5 and 6 is professional level music). The Senior Band performs the most music of any instrumental group in the school, and grade 12s are music leaders who are given extra opportunities for student leadership within the music program. Senior Band students will have the opportunity to participate in a local or regional educational or competitive music festival, and will take part in a multi-night performance tour somewhere within Western Canada or Washington State, with every 2-3 years being a larger Performing Arts Tour to a further away destination (such as California, Quebec/Ontario, South/East USA, etc.). Students will create their own music during one or more composition projects using music technology.



Jazz Band 12



In Instrumental Music: Jazz Ensemble [9-12], students perform a wide variety of music written for “big bands” in the American Jazz tradition, from swing to latin, ballads, funk, rock, and various latin and Afro-Cuban styles. Students learn the fundamentals of jazz improvisation and stylistic aspects of Jazz that are distinct from other styles of musical performance. The Jazz Band performs at a local competitive Jazz Festival and may also tour to the USA for additional festival, performance, and/or listening opportunities.

Law Studies 12



Explore the world of law and how it affects society. Law is not only about making choices about what is right and wrong, but also about safety, security, and accountability. To have laws that work for society we must evaluate laws and improve what we already have. This introduction to law will spark a lot of discussion and debate and will ask students to put the law in perspective with our current society.

Leadership 12



Through reading, viewing, reflecting and discussing, students will explore three leadership domains: personal leadership, relationship leadership, and collaborating with others. Each student will oversee a major leadership project throughout the year, involving a time commitment of 80 hours. The big ideas and essential questions for each leadership domain will guide student inquiry. In both learning about and practicing leadership, students will be challenged to demonstrate initiative, accountability and self- direction as they continue to grow as leaders.



High Performance Physical Education 12 (Fitness and Conditioning 12)

High Performance Physical Education was developed in order to provide athletes who want to specialize in a specific sport an opportunity to do so while maintaining an appropriate and safe total- athlete development. The course provides athletes with the chance to develop their strength, speed and agility through strength and conditioning practices, to participate in multisport activities, to compete with other top athletes in the school, and to improve knowledge and skills in their specific sport/s by receiving expert coaching and instruction. The ultimate goal of HP PE is to ensure the athletes have an opportunity to reach their maximum potential while remaining within the regular school schedule/structure.

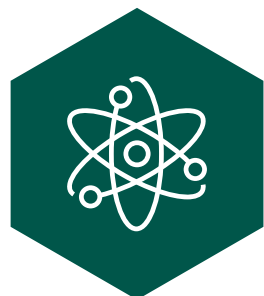
- Sport Specific Training: Skills, Strategies & Tactics specific to the major sport the athlete is involved in. Approximately one third of class time.
- Multi-Sport Training: Various cross-training activities and games designed to improve student’s overall athletic ability and game understanding. Approximately one third of class time.
- Fitness: Agility, Power & Speed, Strength, Flexibility, Aerobic Fitness, Anaerobic Fitness, FMS Testing/Building. Approximately one third of class time.
- Academic: Biomechanics, Sport Nutrition, Mental Skills, Goal Setting, Rules and Regulations, Possible Coaching Certification. Implemented throughout the year on a constant basis as part of lessons.
- Grouping: Dependent on numbers registered

Course Requirements: Completion of Application Form.



Physical Geography 12

Geography is a course that bridges the gap between the humanities and the sciences. Emphasizes the science of how the Natural Creation functions, how it shapes the lives of people, and how, in turn, people have affected it. The key concepts of sustainability and Christian stewardship are the values that significantly shape the perspective of this course.



Physics 12

Physics 12 is a higher-level application course building upon Physics 11 in the topics of kinematics, dynamics, momentum and energy. Students will also study the fields of electrostatics, magnetism, electromagnetism, and modern physics. Evidence of God’s creativity, magnificent design, and sustaining power is embedded in all of creation. Physics provides students with the opportunity to explore and discover this for themselves!

Strongly recommended: A developing level of achievement in Physics 11 and proficient level of achievement in Pre-Calculus 11; registration in Pre-Calculus 12.

Course Fee \$35 per student



Pre-Calculus 12

Explore mathematical concepts that enable us to better understand God’s creation and subsequently, our Creator. Designed to develop problem solvers who are able to communicate mathematically, connect and apply mathematical ideas and reason mathematically.

Strongly recommended: A developing level of proficiency in Pre-Calculus 11.



Remotely Operated Vehicles and Drones 12

ROV’s and Drones is an exciting class that combines concepts of robotics, engineering, and electronics. We will be focusing on understanding the purpose and use of UAV’s, RCV’s, and AUV’s. Much of this class will involve labs to build and operate these vehicles. We will also need to understand flight principles and how different vehicles utilize different propulsion techniques. On top of construction and theory of ROV’s, we will discuss the ethics, laws, regulations and how our Christian worldview shapes our design decisions about these vehicles



Work Experience 12

The primary goal of the Work Experience Program (WEX) is to help students personalize their learning and prepare them for life after secondary school completion.

Students must complete the required Online Course Work and fulfill 90 Hours of Work Experience for each of the 12A and 12B courses for a total of 8 credits. Students will be evaluated based on demonstrating an understanding of workplace orientation, safety instructions, and a presentation of their work experience placement.

Students typically are involved in non-paid placements. However, if students want to use paid hours for WEX, they may only begin to accrue hours after the student has successfully registered for the program. Students need to find their own workplace experience prior to the school year.

Students must get pre-approval from Mr. Lee before signing up for this course.



Youth Work in Trades 12 (apprenticeship)

The Youth Work in Trades course combines paid work-based training and the Industry Training Authority (ITA) requirements for students to obtain hours towards a recognized BC trades programs or Red Seal trades program, which are recognized provincially and nationally. The main goal of the YWIT program is to help students begin their apprenticeship training for students who have a good idea of their career path. The Youth Work in Trades program is designed for students who are currently working part time in a trade, under a certified person, or who know of someone who might hire them to work in a recognized trade. Once a student is able to secure a sponsor company, they can earn four credits for every 120 hours of work completed and successful completion of required course-work for a total of 16 credits. Up to 480 work-based hours can count towards their trade credentials.

WorkBC Apprentice Job Match

Students must get pre-approval from Mr. Lee before signing up for this course

Woodwork 12

Learn a variety of new skills such as how to work with raw materials using hand and stationary tools in the completion of a project. Explore complex woodwork and design, creation of plans, selection of materials based on characteristics, maintenance and adjustment of machinery, types and purposes of joinery, methods for preparing materials for sanding, defects in materials, preparing for application of finish and types, sharpening procedures, career options in context, and client skills.

Technical education offers avenues to pursue careers based on craftsmanship. It provides opportunities to create new objects using tools and processes in a variety of settings. Develop an attitude of servanthood through activities that focus on stewardship and community. This course is offered every other year in rotation with Woodwork 11. Students are not required to have taken Woodwork 11 to be in Woodwork 12.





HIGH SCHOOL PROGRAM GUIDE

2024 / 2025