



Valley Christian School High School Planning Guide

2015 – 2016

**“We proclaim Him, admonishing and teaching ...
that we may present everyone perfect in Christ.” Colossians 1:28**

VCS High School Planning Guide

Introduction

This guide is designed to assist students and parents with planning and selecting an appropriate senior high school program. At the grade 8-10 levels, many factors begin to merge and indicate the direction and gifting of a student. By considering a student's interests, gifts, abilities and previous accomplishments parents can encourage their student to pursue a course of studies that will optimise their career/ministry opportunities.

Although the school will be involved in providing direction in selecting a high school program, the responsibility for choosing the appropriate courses for graduation and career aspirations lies with the student and parents.

General Information

1) Senior High Course Credits

Credits are assigned to courses depending on the hours of instruction. A credit is the value attached to the knowledge, skill and attitudes that most students can acquire in approximately 30 hours of classroom instruction.

2) Diplomas

Senior High School students must meet the criteria listed below during the graduation program (grades 10, 11 and 12) in order to qualify for the following graduation diplomas or certificates:

a) **School Completion Certificate** (Evergreen Certificate): This certifies that the student has met the goals in their Student Learning Plans. It reflects the accomplishment of the goals a student has chosen to pursue during graduation years of VCS.

b) **Dogwood Certificate**: This certificate is awarded by the Ministry of Education upon the successful completion of prescribed provincial graduation requirements. A graduate must have completed a total of 80 credits within prescribed areas.

c) **Transcript of Grades**: Transcripts are issued by the Ministry of Education and contain a listing of credits earned, an indication of achievement levels, and completion dates. The transcript also states whether or not provincial requirements have been met. Acknowledgements of outstanding achievement is made through an "Honours" designation. This document provides prospective employers and post-secondary institutions with relevant information about the student's accomplishments.

PROGRAM PLANNING

General Information for Course Planning

- 1) Students are expected to follow a full program in Grades 10, 11 and 12. If a student has room in their schedule for an open block of time, this must be approved by the administration. Student schedules will be reviewed by administration to ensure that the courses they are taking will satisfy graduation requirements as laid out by the Ministry of Education and the Valley Christian School requirements of 80 credits.
- 2) A graduation checklist is included on the following page to help students plan their Grade 10, 11 and 12 credit schedule.
- 3) Of the courses required to satisfy minimum graduation requirements of 80 credits, three will be Bible 10 (four credits), Bible 11 (four credits) and Bible 12 (four credits). These are provincially recognised, locally developed courses offered at VCS. (B.A.A.)
- 4) Students with an unsolvable timetable conflict may take an online course as an elective.

Procedure for Course Selections

- 1) Course Lists and Selection forms will be given out to students during the final quarter of the school year. Students will be given time to go over the forms with their parents, and the forms will need to be turned back into the office with appropriate choices made.
- 2) Student selections will be entered into the computer and timetables will be printed out for the students. In cases where there is a conflict, a student may have to register for a second choice.
- 3) Depending on the enrolment changes over the summer, there may need to be some changes on individual timetables. These changes will be confirmed over the course of the summer.

Pre-requisites

Some courses have pre-requisites listed next to the course titles. Pre-requisite course percentages will be as follows:

65% - automatic entry allowed into the desired course

60% - provisional entry allowed into the desired course. With a provisional entry students will be allowed to attempt the course, under the understanding that after a brief trial period (approximately 2 weeks), a student will have to prove to the teacher his/her ability to succeed in the course. If this does not happen in the given time period, a student must withdraw from the course.

Valley Christian High School

2015 – 2016 Course List

Grade 8

Required Courses:

Bible
English
French
Math
Music
PE
Science
Social Studies
Spanish

Grade 9

Required Courses:

Bible
English
French
Fine Arts/Applied Skills – Includes
Computers, and Art
Math
Music
PE
Science
Spanish
Social Studies
Drama

Grade 10

Required Courses:

Bible - YPHR10A
English - EN10
Math - FMP10 or
Apprenticeship & Workplace – AWM10
PE - PE10
Planning - PLAN10
Science - SC10
Social Studies - SS10

Selected Studies:

Music – MG10
Spanish – SP10
Drama – DRG10

Grade 11

Required Courses:

Bible - YPHR11A
English - EN11or
Communications – COM11
Math – Pre-Calculus – PC11
Math – Foundations FMP11 or
Math - Apprenticeship & Workplace -
AWM11
Social Studies - SS11or
Civic Studies – CIV11

Selected Studies:

Carpentry & Joinery – CJ11
Biology – BI11
Chemistry – CH11
Foods – FDN11
PE11
Physics – PH11
Spanish – SP11
Theatre Performance – TPA11
Yearbook – YYB11

Grade 12

Required Courses:

Bible – YPHR12A
English - EN12 or
Communications – COM12
Graduation Transitions - GT

Selected Studies:

Biology - BI12
Math – Pre-Calculus – PC12
Calculus – CALC12
Chemistry – CH12
Digital Photography – YCCT12B
Food Preparation – YVHE12A
Leadership – YIPS 12A
Physics – PH12
Principles of Math – MA12
SALTS & Sailing Skills12 – YLRA12A
Theatre Performance - TPR12
Worship Leadership – YPHR12B
Yearbook – YCCT12A



Valley Christian High School

Course Selection 2015-2016

(Required Courses in Blue)

Name: _____ PEN #: _____ Grad Year: _____

Grade 10	Cr.	Grade 11	Cr.	Grade 12	Cr.
<input type="checkbox"/> Bible 10 (YPHR10A) (VCS required course)	4	<input type="checkbox"/> Bible 11 (YPHR11A) (VCS required course)	4	<input type="checkbox"/> Bible 12 (YPHR12A) (VCS required course)	4
<input type="checkbox"/> *Planning 10 (PLAN10)	4				
<input type="checkbox"/> *English 10 (EN10)	4	<input type="checkbox"/> English 11 (EN11) <input type="checkbox"/> Comm. 11 (COM11)	4 4	<input type="checkbox"/> *English 12 (EN12) <input type="checkbox"/> *Comm. 12 (COM12)	4 4
<input type="checkbox"/> Social Studies 10 (SS10)	4	(1 required of Gr. 11 or 12) *Social Studies 11 (SS11) <input type="checkbox"/> *Civic Studies 11 (CIV11) <input type="checkbox"/>	4 4		
<input type="checkbox"/> *FMP 10 (FMP10) <input type="checkbox"/> A/W Math (AWM10)	4 4	(1 required of Gr. 11 or 12) FOM11 <input type="checkbox"/> AWM (AWM11) <input type="checkbox"/>	4 4		
<input type="checkbox"/> *Science 10 (SC10)	4	(1 required of Gr. 11 or 12) Biology 11 (BI11) <input type="checkbox"/> Chemistry11(CH11) <input type="checkbox"/> Physics 11 (PH11) <input type="checkbox"/>	4 4 4	(1 required of Gr. 11 or 12) Biology12(BI12) <input type="checkbox"/> Chemistry12(CH12) <input type="checkbox"/> Physics 12 (PH12) <input type="checkbox"/>	4 4 4
<input type="checkbox"/> PE 10 (PE10)	4	PE 11 (PE11) <input type="checkbox"/>	4		
Fine Arts(1 required of Gr. 10,11,or 12) Music 10 (MG10) <input type="checkbox"/> Drama 10 (DRG10) <input type="checkbox"/>	4 4	Fine Arts(1 required of Gr. 10,11,or 12) Drama 11 (TPA11) <input type="checkbox"/>	4	Fine Arts(1 required of Gr. 10,11,or 12) DigitalPhoto12(YCCT12B) <input type="checkbox"/> Worship Lead(YPHR12B) <input type="checkbox"/>	2 2
Applied Skill (1 required of Gr. 10,11,or 12)		Applied Skill (1 required of Gr. 10,11,or 12) Carpentry (CJ11) <input type="checkbox"/> Foods 11 (FDN11) <input type="checkbox"/>	4 4	Applied Skill (1 required of Gr. 10,11,or 12) Yearbook12(YCCT12A) <input type="checkbox"/> FoodPrep12 (YVHE12A) <input type="checkbox"/> Leadership12 (YIPS12A) <input type="checkbox"/> SALTS 12 (YLRA12) <input type="checkbox"/>	2 2 2 2
Spanish 10 (SP10) <input type="checkbox"/> French 10 (FR10) <input type="checkbox"/>	4 4	Spanish 11 (SP11) <input type="checkbox"/>	4		
				<input type="checkbox"/> Grad Transitions (GT)	4
+ <input type="checkbox"/>		+ <input type="checkbox"/>		+ <input type="checkbox"/>	
TOTAL CREDITS					

Of the 80 credits for graduation, at least 16 must be at the Grade 12 level, including a Gr. 12 Language Arts course.

Parent/Guardian Authorization: We (parent/guardian) have reviewed my son's/daughter's course selection and approve of his/her choices.

Notes:

VALLEY CHRISTIAN HIGH SCHOOL

COURSE DESCRIPTIONS

APPLIED SKILLS

Foods 11

The course will motivate, reinforce and pull together foods and nutrition skills students have gained in other classes. The course has one lab class, one theory class, and one quiz class per week. The course teaches advanced food preparation and nutrition through focusing on the Four Basic Food Groups. The course will also allow students without any foods and nutrition background to gain valuable skills and information helpful for daily living.

Economical Food Prep 12

The Economical Food Preparation course is designed to instruct students how to apply Biblical values and principles to the management of the home, service to the Christian community, and relate to the world in a way that brings honour to God and reflects His divine character. Class time is expected to include instruction and application time OUTSIDE of the regular VCS school timetable.

Carpentry and Joinery 11

Students will develop specialized wood-working skills through the creation of small projects for themselves. Students will learn to use hand tools as well as basic power tools during the course.

SALTS & Sailing Skills 12

This course offers four days of high adventure aboard the Pacific Grace/Pacific Swift tall ship sailing through Desolation Sound and the Gulf Islands. Preparation for the trip will include teamwork building, theory of sailing, and some hands on small craft sailing. Aboard the Pacific Grace/Pacific Swift, students will learn orientation, safety procedures, watch duties, and deck assignments. The students will also have opportunity to take part in lessons on launching/rowing dories, sailing terminology, and onshore fun activities.

Leadership 12

Students will develop leadership skills in the Student Council, house teams, intramurals and athletics, and spiritual leadership for our school by organizing such events as “Meet You at the Pole”, welcoming all students to school, new student orientation and buddy system, and other areas of service and leadership.

BIBLE

Bible 8

This course is designed to help students explore what it means to be a disciple (simply said, a follower) of Jesus Christ. It will mean deciding more clearly on a personal level how much God is going to control and shape my life in all aspects of living. Special notice will be given to family and social relationships as well as ones self esteem. Its aim is to encourage personal growth in the vital disciplines that are needed “to walk humbly with your God.” (Micah 6:8) Memory work, collateral reading, ministry involvement and homework projects are assigned as part of the academic expectations. Also there will be some CAPP related work completed in the course in order to start an open file on the matter of considering a career direction.

Bible 9

Bible 9 focuses on the high value God places on each special, unique individual and is designed to introduce students more fully to Jesus Christ through the overview of the New Testament books and the study of Jesus’ life and His work. The student should gain a greater appreciation for Jesus as Blessed Redeemer. In the last portion of this course, students will review characteristics of dangerous religious groups and write a research paper on a major cult movement. It is built upon Bible 8 and prepares students for Bible 10 through 12.

Bible 10

It is important that students know what they believe and why they believe it so they can be built up in their faith and equipped to present their beliefs intelligently and effectively to others. This practical, personal study of the great doctrines of the Bible is designed to reach both the head and the heart of students. This course covers the major doctrines: the Bible, God, Christ, the Holy Spirit, Man, Salvation, the Church, Angels, and Last Things.

Bible 11

This ethics course has been developed to support and encourage students in deciding what is right and what is wrong by gathering facts and using principles and values found in Christianity. There are six units: Review Worldviews, Branches of Philosophy, Wisdom – Proverbs, Character, Values, Goals, Virtues, and Applying our Ethical Framework.

Bible 12 Six major worldviews are introduced: Christianity, Islam, Secular Humanism, Marxism-Leninism, Cosmic Humanism, and Postmodernism. Each of these worldviews is observed from ten perspectives. The students will become aware of each worldview’s theology, philosophy, ethics, biology, psychology, sociology, laws, politics, economics, and history (ten units).

PLANNING

Planning 10

Students will be guided through the complex decisions faced as they plan their futures, make educational choices, make financial decisions which demonstrate good stewardship, and make decisions that would keep their bodies healthy. In short, this course will seek to enable the students to be good stewards of their time, talents and resources.

FINE ARTS

Music 10

This course will be taught to the combined grades. It will focus on choral music, theory, training in vocal technique, performance and music appreciation. It will include both contemporary and more classic styles of music. This class will also work towards two musical performances per year, one at Christmas and one at Easter, where students will be given the opportunity to sing parts or play musical instruments as well as taking part in the school choir.

Worship Leadership 12

This course will support and encourage students to grow in their worship leading skills and practice. Students will be challenged to grow spiritually and musically, as well as in their connectedness to the rest of the team. Learning outcomes for the course are grouped under the curriculum organizers: Spiritual Growth, Musical Development and Team Connection, and students are given the opportunity for self and peer assessment throughout the course.

Christian Digital Photography and Film 12

We live in a world of ever-changing technology. For this reason, communication and the ways in which we can reach our world with Christ's message of the gospel is broadening. This course explores two mediums: digital photography and video production (both visual storytelling and non-fiction documentary) as a means of proclaiming the reason for our faith in Jesus Christ.

Drama 9

Drama 9 is an introduction to drama, acting and working on a production. The students will begin with unscripted acting, move to scripted acting and will examine societies by looking at their films and theatrical styles around the world.

Drama 10

The students will learn about stock characters, script work, body and voice in Unit 1. In Unit 2, the students will learn about technical theatre, comedy improve and film. In the last part of the year, the students will produce a production for elementary students, acting and doing all the technical requirements for the production.

Drama 11

Storytelling and monologues will be studied as well as vocal and body control techniques. Group work, individual work, classroom collaboration, self and others analysis and teacher directed work will all be incorporated. Students will learn to work as a team, developing directing and cinematography skills. Students will study plays, styles of acting and writing and famous actors and playwrights from different periods and finish off the year with producing a short filmed project.

Yearbook 12

The yearbook course offers the student total involvement in the production of the school yearbook. Activities in this course include: advertising, photography, layout and design, copy writing, editing/proofing, editing, leadership, yearbook planning, and desktop publishing, digital imagery and photo placement. Students will be assigned different positions on the yearbook staff. They will be expected to

work semi-independently and adhere to the deadlines given. Class time is expected to include instruction and application time OUTSIDE of the regular VCS school timetable.

LANGUAGES

English 8

In this course students will be given various opportunities, through the study of Grammar, Composition, Poetry, Short Fiction, Drama and Novels, to develop a love and proficiency for reading and writing, and expressing thoughts in a variety of creative manners.

English 9 (Pre-requisite – 50% English 8)

Through the study of Novels, a play, Short Fiction, Poetry and Non-Fiction, students will be introduced to social issues and encouraged to develop reasoning, debating, and critical thinking skills. Composition skills will be refined as students learn to write with clarity and precision.

English 10 (Pre-requisite – 50% English 9) **Provincially Examinable Course**

This course will develop student's insight into and appreciation of various literary genre, including Short Fiction, Non-Fiction, Media Studies, Novel Studies, Drama, and Poetry. Insight will be given into English as the study of communication that will help the student understand the ways in which truth, and fiction can be communicated. This course will develop in students greater achievement in writing, reading, speaking, listening and analysing of information in spoken, written or visual form, helping them to evaluate and understand literature in the light of the Christian faith, appreciating that the values expressed may conflict with their own.

English 11 (Pre-requisite - English 10 – recommended 50% or better)

Within this course students will be studying Short Fiction, The Bible as/in Literature, Novel Studies, Media, Non-Fiction, Drama, and Poetry. Students will be involved in a study of literature and in preparing and presenting written compositions, dramatic presentations, and visual responses in critical analysis of the literature studies, honing their skills, gaining more knowledge, and being involved in value and attitude formation.

Communications 11 (Pre-requisite - English 10 – recommended 50% or better)

This course is an alternative to English 11 and is for students who are not wishing to attend university after graduation. The student's appreciation of literature and language will be developed and enhanced through study of short stories, poetry, novels and media advertising. The student will learn skills to communicate ideas and information in practical applications such resume writing, composition, and online research.

English 12 (Pre-requisite - 50% in English 11) **Provincially Examinable Course**

Students will study a Shakespearean play, selected short stories, a modern novel, classical and modern poetry, and selected non-fiction essays and other pieces in order to evaluate the literary devices which make literature great and in order to learn to understand and respond to the values and ideas expressed in literature. Composition focus will be on essays, correct usage and vocabulary.

Communications 12

Communications 12 focuses on the practical application of language skills – reading, writing, listening, speaking, and viewing. Although there is some study of literature, the focus of the course is on comprehension and expression. The primary objective of the course is to develop students’ literacy skills through the use of a variety of genres and formats. Students are encouraged to look at the role of literature in their every day lives and to engage in making personal connections to this literature.

French 8/9

Students will review the present tense of “Etre” and “Avoir” verbs and grammatical elements. They will be introduced to the Present, the Future Proche and the Passe Compose tenses. Emphasis will be on oral and written language. Students will reflect and respond to Francophone documents and cultural activities. They will be able to share about familiar activities and personal interests.

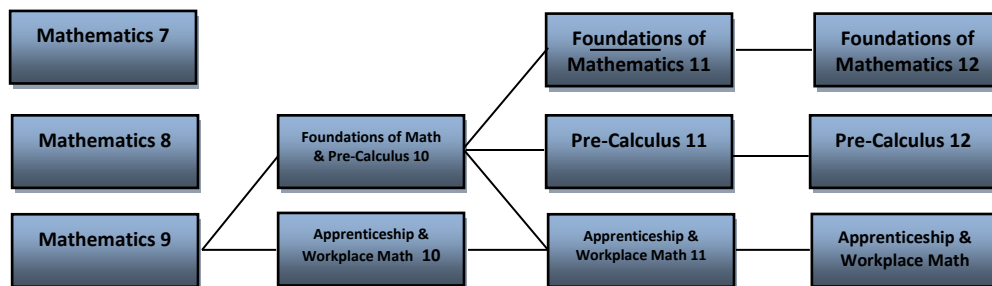
French 10

Students will build on their previous years’ French skills and will actively participate in listening, reading, speaking and writing activities. Past, present and future tenses will be a focus, as will group and partner conversations with increasing complexity of sentence structures.

Spanish 10

Students will be expected to actively participate in listening, reading, speaking and writing activities. Emphasis will be on oral and written language. Cultural influences will be studied and in some years there will be opportunity to travel to Hispanic cultures on a missions trip.

MATH



Mathematics 8

Mathematics 8 includes review and further study of: whole numbers, integers, rationales, percent, proportions, algebraic expressions, measurement of plane figures, probability and statistics, data analysis, Pythagorean relationship and problem solving.

Mathematics 9

Grade 9 is a critical year in Mathematics. The student will use the skills developed in Math 8 to further their study of algebra, data analysis, geometry, measurement and number and number operations, and space

and shape. Upon successful completion of this course students may enrol in Foundations and Pre-Calculus Mathematics 10 or Apprenticeship and Workplace Math 10.

Foundations and Pre-Calculus Mathematics 10 (Pre-requisite - 50% in Mathematics 9) **Provincially Examinable Course.** This stream is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include financial mathematics, geometry, measurement, number, logical reasoning, relations and functions, statistics and probability, real numbers, trigonometry, coordinate geometry, functions and polynomials. **Upon successful completion of this course, students may enrol in Foundations of Math 11, Pre-Calculus Math 11 and Apprenticeship and Workplace Math 11.**

Apprenticeship & Workplace Math 10 (Pre-requisite – 50% in Mathematics 9) **Provincially Examinable Course.** This course is a continuation of Mathematics 9, but is intended for students who plan to enter directly into the workforce or an apprenticeship. This course leads to graduation requirements for most trade programs, but does not generally lead to college entry. The topics covered include unit pricing and currency, wages and salaries, systems of measurement, length, area, volume and mass, geometry, trigonometry and problem solving. **Upon successful completion of this course, students may enrol in Apprenticeship & Workplace Math 11.**

Foundations of Mathematics 11 (Pre-requisite - 50% in Foundations and Pre-Calculus Mathematics 10) This course is a continuation of the Foundations and Pre-Calculus Mathematics 10 course. The course meets graduation requirements and is suitable to entry into some post-secondary studies programs. Students may also take this course to help prepare them for Pre-Calculus 11. Topic areas include: algebra, measurement, geometry, logical reasoning, statistics, relations and functions and a mathematics research project. **Upon successful completion of this course, students may enrol in Foundations of Math 12, Pre-Calculus Math.**

Pre-Calculus 11 (Pre-requisite – 50% in Foundations of Mathematics 10) This course is a requirement for science/math based programs at post-secondary colleges and universities. The student will learn Sequence and Series, Trigonometry, Quadratic Functions and Equations, Radicals, Absolute Value, Reciprocal Functions, Geometry, Systems of Equations and Linear Inequalities.

Foundations of Mathematics 12 (Pre-requisite - 50% in Foundations of Mathematics 11) This course is a continuation of the Foundations 11 course. This course involves the study of puzzles, compound interest and investment portfolios, set theory, probability, polynomial exponential logarithmic and sinusoidal functions, current events in math.

Pre-Calculus 12 (Pre-requisite – 50% in Pre-Calculus 11) This course is a continuation of the Pre-Calculus 11 course. It is a requirement for science/math based programs at post-secondary colleges and universities. The students will learn Exponential Functions and Logarithms, Trigonometric Functions of Angles, Trigonometric Functions of Real Numbers, Trigonometric Equations and Identities, Permutations and Combinations, Probability, Statistics and Conic Sections.

Calculus 12 This is an introductory Calculus course for students who are preparing to pursue post-secondary education in engineering, business and economics, mathematics or sciences.

PHYSICAL EDUCATION

Physical Education 8-10

The PE 8, 9 and 10 courses involve similar activities, but each year the skill and knowledge of activities and sports is improved upon. In PE 10 proportionally more time is spent on strategy and game situations, and less time is spent on fundamental skills. Students will receive instruction in fundamental skills for sport fitness activities, plus materials for knowledge in health-fitness. 30 minutes of Daily Physical Activity is recorded weekly by students.

PE 8, 9 & 10 Activities Include:

Individual/Dual Activities

- Badminton
- Cross Country Running
- Track and Field
- Skating
- Canoeing
- Cycling
- Skiing
- Swimming

Fitness Activities

- Gym Laps
- Sprints
- Cross Country Running
- Flexibility

Team Games

- Basketball
- Floor Hockey
- Touch Football
- Soccer
- Softball
- Volleyball
- Curling
- Minor Games

Physical Education 11

The PE 11 course is an elective program in our school with a broader scope of program activities than PE 8, 9 or 10. Program content has been divided into four main activity dimensions described briefly here.

Skills learned in PE 8, 9 & 10 are developed to a higher level of proficiency. In “Leisure Oriented Activities” students are exposed to a wide variety of recreational life-time sports which are available in the community.

“Active Health Activities” continue to develop the students social and emotional well-being through the applied knowledge of concepts related to fitness, nutrition and personal health management.

30 minutes of Daily Physical Activity is recorded weekly by students.

PE 11 Activities

Performance Oriented

- Soccer
- Basketball
- Touch Football
- Volleyball
- Badminton
- Curling
- Track and Field

Leisure Oriented

- Floor Hockey
- Cycling
- Skiing
- Skating
- Canoeing
- Indoor Soccer
- Swimming

SCIENCE

Science 8

The purpose of this course is for students to have the opportunity to study a number of areas of God's wonderful creation. Students will be introduced to the Scientific Method. In life science, the characteristics of living things, cells and body systems will be studied. In physical science, students will examine the nature of waves, optical systems, and the properties and characteristics of light and other forms of electromagnetic radiation. Concepts of force, pressure, heat and viscosity will be studied. Students will study water cycle, oceans, marine environments, drainage systems and the effects of erosion. It is intended that the conscientious student will be brought into a greater appreciation and awe of the Almighty God.

Science 9 (Pre-requisite Science 8)

Students are introduced to an array of areas of scientific study. The emphasis is on science as a process. Areas of study include: safety, the scientific method and science literacy, reproduction, chemistry (atoms, elements and compounds) and space exploration.

Science 10 (Pre-requisite Science 9) **Provincially Examinable Course.**

Science 10 further investigates earth's ecosystems, chemical reactions and radioactivity, motion and energy transfer in natural systems. The structure and function of the cell including mitosis, meiosis and an introduction to genetics is the focus of the biology unit. The study of chemical families in the periodic table, ionic and covalent bonding, types of chemical reactions and electrochemistry introduce foundations necessary for chemistry 11 and 12. The investigation of static and current electricity, magnetism and electromagnetic devices, household use of electricity and nuclear energy will be the focus for physics.

Biology 11

The principles of taxonomy are learned and the students will become familiar with the five kingdoms: monera, protista, fungi, plantae and animal. Classification, the role of DNA, ecosystems, photosynthesis, population growth, symbiosis, viruses, bacteria, life functions of animals are all studied. The class will plant and maintain a garden and take part in a number of hands on field trips. The study of creation vs. evolution is an integral part of this course.

Biology 12

Biology 12 enables students to gain an in-depth understanding of the precision and design of cells, cell processes and of the human body. The purpose of this course is to help students recognise the applications of Biology to everyday living, and to think critically from a Christian perspective over a wide range of personal and societal issues. It will also develop skills necessary for post-secondary education and the workplace. The study of creation vs. evolution is an integral part of this course.

Chemistry 11

Chemistry 11 is an introductory course to lay the groundwork for further studies in Chemistry. Major concepts are developed using lab work; reasoning and problem solving will be learned from lecture material. Topics include: particle model, atomic theory, molar chemistry, chemical reactions, chemical bonding and organic chemistry.

Chemistry 12

Chemistry 12 is a continuation of Chemistry 11, but with a greater emphasis on problem solving. Topics include: reaction kinetics, solution chemistry, chemical equilibrium, acid-base chemistry and electrochemistry. A requirement for this course is a good working knowledge of algebraic manipulation.

Physics 11

Physics 11 will involve lectures, discussions, lab activities and demonstrations. Topics include: Measurement, Kinematics in One Dimension, Dynamics in One Dimension, Mechanical and Heat Energy, Wave Motion Applied to Light, Applied Ray Optics, Special Relativity and Nuclear and Quantum Physics.

Physics 12

Physics 12 builds on material studied in Physics 11 and Math 11. Topics include: Vector Kinematics in Two Dimensions, Vector Dynamics in Two Dimensions, Mechanical Energy and Vector Momentum, Equilibrium, Circular Motion and Gravitation, Electrostatics, Circuitry and Electromagnetism. Students must have completed Physics 11 and Math 11.

SOCIAL STUDIES

Social Studies 8

This course will enable students to know and understand the diverse pattern of human activity in the world. Within Geography the students will be taught some map reading skills as well as the major geographical features of the world which have shaped human interaction within the past 2000 years. Within History, the students will be made aware of, and will study in depth, the various civilizations and ages which have shaped the globe since the time of Christ, beginning with the Roman Empire, and moving through the Muslim, and Indian Kingdoms, the Mongolian hordes, and Chinese civilization. Particular focus will be given to the Medieval World, Renaissance, and Reformation periods of European development.

Social Studies 9

Examination of Canadian history spans a time period from Canada's earliest inhabitants to 1815. Specific topics addressed in this course are industrialisation and nation building in the Canadian context. Geography and history topics are once again intended to be integrated. A component of this course is Pacific Rim related, while significant current events and developments remain an integral part of the course requirements.

Social Studies 10

In a society that is increasingly secular, what role do we have as Christians, and how should we relate to the world around us to become ambassadors for Christ? This course aims to help students answer this difficult question in the light of Canadian history and geography while developing in students a solid understanding of the history of their nation. *Horizons: Canada's Emerging Identity* centers around Canada in the 19th century, the events and issues that have shaped our society and how they impact us today.

Social Studies 11 Provincially Examinable Course.

This course examines Canadian perspectives on social, cultural, political, economic and environmental developments from the turn of the twentieth century to the present. As they study these topics, students will

refine their communication, research and critical thinking skills. Students will also extend their knowledge, understanding and appreciation of significant historical and contemporary events that have helped shape Canadian society

Civic Studies 11 Provincially Examinable Course.

This course helps the student apply critical thinking skills and to develop effective research skills while studying the historical roots of the Canadian political and legal systems, including the British North America Act. Electoral systems and processes are studied as well as the division of powers in Canada among federal, provincial, territorial, First Nations, and municipal governments. Through critical, reflective inquiry, students develop personal responses to the challenges facing Canadians. They learn to base their responses on informed critical analysis of evidence, developing an understanding of their responsibilities and values and a realization of the consequences of their choices on themselves and others. Through this exploration, students experience how to approach persistent problems, questions, and issues with confidence and purpose.

GRADUATION TRANSITIONS

Graduation Transitions is one of the mandatory requirements for graduation. The intention is to prepare students as they transition to life after secondary school. To meet this goal, students are encouraged to take ownership of their own learning and health, and to plan for their own growth and development. For Graduation Transitions, the student is expected to meet the following requirements in Grades 11 and 12:

1. Personal Health – to maintain a personal health plan and complete 80 or more hours of moderate to vigorous physical activity in addition to PE 10.
2. Community Connections – to participate in 30 or more hours of work experience or community service and express what was learned.
3. Career and Life – a transition plan will need to be completed as well as significant accomplishments.

Alternate Graduation Credit Options

External Credit

Documents or credentials earned by a student on successful completion of an external course. The procedures are outlined for external credit guidelines in the BC government handbook at www.bced.gov.bc.ca/exams/handbook.

Independent Directed Study

In exceptional circumstances, IDS allows students to initiate their own learning under teacher supervision. Although IDS is intended to allow students to pursue curriculum in more detail (students receive course credit plus IDS credit), or to focus on one or more of the learning outcomes of a course that has not been taken (students receive only IDS credit), the IDS Policy also allows schools to recognize learning in courses that students do not complete, and in this way can be used to report partial learning.

Challenge Process

The VCS principal will assess a student's learning to determine if the student is able to demonstrate achievement of the prescribed learning outcomes of a Grade 10, Grade 11 or Grade 12 Ministry Authorized Course or a Board Authorized Course and, in such a case, to award the applicable course credit, letter grade and percentage for that course. This will be based on a challenge exam administered by the school.

Equivalency Review

The VCS Principal will determine whether a student's documentation indicating successful completion of a course outside of the British Columbia School System shows, in the opinion of the board, that the student has met learning outcomes equivalent to the prescribed learning outcomes of a Grade 10, Grade 11 or Grade 12 Ministry Authorized Course or a Board Authorized Course and, in such a case, to award the student the applicable course credit, letter grade and percentage for the equivalent Grade 10, Grade 11 or Grade 12 course or Board Authorized Course.