

Bible 8

Course Outline

- **The Story of the Bible:** how the Bible came to be; bits and pieces? The Bible as one unifying story.
- **The Early Church:** the first thousand years; persecution; the rise of Christianity; monasticism, the institutionalizing of the Church.
- **Catholicism:** the church during the Middle Ages; the amazing importance of Ireland; the ascendancy of the papacy; seeds of discontent.
- **Reformation:** war in the Church (again!); key figures; five reformations (Lutheran, Calvinistic, Catholic/Counter, Radical/Anabaptist, English).

Social Studies 8

Course Outline:

- Geography and mapping skills
- Rise and fall of empires: Ancient Rome
- The Empire of Islam
- The Medieval Era
- Renaissance and the Age of Exploration

Language Arts 8

Course Outline:

- Short stories – *Decisions Anthology*
- *The Giver*
- Independent novels unit or The Middle Ages
- *Romeo & Juliet* by William Shakespeare
- Introduction to the Four Stories
- Media Unit – TV families and sitcoms
- Writing Skills and Writer's Workshop – editing and revising
- Speaking skills – Public speech for class, some may proceed to Speech contest

Mathematics 8

Course Outline

- Numbers and Operations: numeration systems, basic operations, integers, real and rational numbers, decimals, ratio and percent
- Statistics and Probability: simple probability, collecting and organizing data, mean, median, mode, sampling
- Consumer mathematics: application of ratio and percent
- Algebraic operations: evaluating and simplifying simple expressions
- Equations: solving simple equations and inequalities
- Relations and Functions: graphs of simple equations
- Geometry and Measurement
- Trigonometry: solving right triangles
- Computer Science: simple flow charts and programming

French 8

Course Outline:

- School
- Daily routine/schedule
- Telephone
- Health-sickness
- Food
- Television
- Sports
- Collections/hobbies
- Journal
- Regular & irregular verbs
- Telling time
- Immediate future
- Imperative mode
- Adjectives-possessive & interrogative
- Questions
- Past tense
- Adverbs of quality and frequency

Science 8

Course Outline:

- The nature of science: measurement and the sciences, methods and tools of science
- Ecology: earth's living resources, interdependence of living things, biomes, cycles in nature, conservation, atmosphere, oceans, freshwater, current environmental issues
- Human biology and health: overview of body systems
- Energy: heat, light, conservation
- Investigating matter, properties of matter, classifying pure substances & mixtures.

Physical Education 8

Course Outline:

Soccer	Softball
Volleyball	Track and Field
Gymnastics	Ice Skating and/or
Cross-country	skiing
Badminton	Fitness testing
Floor hockey	various activities

FINE ARTS

Visual Arts 8

Course Outline:

- Elements & Principles of Art & Design
- Art appreciation, History & Theory
- 3D Sculpture (eg. Ceramics)
- Observational drawing, mixed media and printmaking
- Water colour & acrylic
- Safety & Studio practices

- Art related careers
- Visual Diary exercises

Band 8

Band continues to be a formal part of the curriculum in grade 8. Formal band instruction will continue enabling students to develop their personal performance skills and their ability to work as part of a larger ensemble.

Drama 8

Drama instruction is conducted currently in an extra curricular context. Grade 8 students will work with students from other secondary grades in the drama program.

Purpose: To challenge students to develop skills in acting, movement and stage craft

Outline:

- Orientation (basic stage movement, terminology and skills)
- Dramatic reading from script for voice and expression
- Scene work
- Production in main stage play

Skills Developed: Students will understand basic stage movement and expression in a working acting environment. They will also learn to read aloud with expression and to establish a character based on script context and theme.

Assignments: Grade is assessed on participation in class, level of shown commitment to projects and the final production whether back stage or on stage.

Expected Homework: 0-2 hours a week – extra time during production

Additional Costs: A dramatic production in Vancouver (approx. \$30)

Field Trips: A professional Vancouver production

Prerequisites: No

Grade 8 students will write two sets of formal exams during the school year – in January and in June. The process of preparing for exams, writing them and handling the objective results will be a significant challenge for grade 8 students. In many ways, the process and the skills learned are more important than the actual results.

Student planners, personal organization, time management, study skills, meeting deadlines, completing homework, and accepting personal responsibility are very important aspects of the grade 8 program. Skills accomplished at this level of the educational process will form a strong foundation for all of the secondary grades.

Students in grade 8 may expect to have 60 minutes of homework on a regular basis. Please note that this is an average amount. This time will vary depending upon the time of year, particular deadlines, and exams.

Our Learning Assistant, Mrs. Stensaker, is available upon request.

Biblical & Religious Studies 9

Purpose: Bible 9 is a survey of the key themes of the Old Testament. It encourages students to grow in their relationship with God and become discerning disciples of Jesus Christ. The class is designed to facilitate this by focusing on the Bible as the primary text; issues of faith and commitment are also considered.

Outline: Story of the Bible
The Pentateuch
History
Poetry & Wisdom
Major & Minor Prophets

Skills Developed: Students will develop a variety of skills while studying the Bible, and will investigate the history of the Israelites. Students will develop skills in Biblical geography, mapping, research and exegesis, and will be asked to think critically about the application of Scripture to their lives.

Expected Homework: 2 hours per week

Materials Required: NIV Bible

Prerequisites: Bible 8

Social Studies 9

Purpose: Social Studies is a multidisciplinary subject that draws from the social sciences and humanities to study human interaction and natural and social environments. The aim is to develop thoughtful, responsible, active citizens who are able to acquire the requisite information to consider multiple perspectives and to make reasoned judgements. The “critical thinking” component is key to the Social Studies program at HPMCS. Students will be asked to consider events and issues in order to examine the present, make connections with the past, and consider the future, all within the framework of their own Christian paradigm.

Outline: English Civil War
French Revolution & Napoleon
Industrial Revolution
Canadian Geography
First Nations
Early Explorers, Traders, Settlers
Current Events

Skills Developed: Students will develop good note taking habits and study skills. Students will draw, label, and interpret maps, interpret historical data, think critically about a variety of issues, and learn to recognize bias, memorize key names, dates, and events, and make a variety of presentations, including mock trials. Debates.

Expected Homework: 2-3 hours per week.

Materials Required: 3-ring binder, pens and pencils, lined and blank paper, pencil crayons, student agenda/homework planner.

Prerequisites: SS8

English 9

Purpose: English 9 is designed to help students discover for themselves the imaginative power of literature as a means of exploring and understanding worlds different from their own and un-locking and expressing their unique experiences and God-given gifts through writing, speaking, listening and acting.

Outline:

A Midsummer Night's Dream or Twelfth Night
The Four Stories – Comedy, Romance, Tragedy, and Satire/Irony
The Outsiders
Poetry
Short Stories
Media Unit-Journalism and news broadcasting
Fahrenheit 451
Grammar
Writing Portfolio-creative writing, poetry, formal essays, reviews and analyses

Skills Developed: Writing, silent and oral reading, presentations.

Assignments: Creative writing/projects, paragraph writing, responding to literature, small group activities, individual activities, group presentations, class discussions, grammar activities, etc.

Expected Homework: 1-3 hours per week

Materials Required: notebook, paper, pen, Writers Inc. Handbook (purchased through school)

Prerequisites: English 8

*“If music be the food of love,
play on..” Twelfth Night*

Science 9

Purpose: To give opportunity for students to develop their scientific knowledge, and lab skills through engaging lessons and exploratory activities. Christian stewardship towards our environment and body systems is fostered.

Outline:

Physical Sciences: Motion, Forces, Fluids and Pressure
Astronomy: characteristics of Stars, The life and earth of stars
Biology: Human body systems
Chemistry: Matter, Physical vs. Chemical Changes, Atoms, Molecules
Writing Formulas, and Balancing
Reactions.

Skills Developed: The skills and processes students use and develop include: observing, measuring, classifying predicting, hypothesizing, interpreting data, inferring designing experiments, controlling variables, inferring and formulating models.

Assignments: A large part of the course will involve in class experiments, and demos. Worksheets are also an important tool to practice problem sets and calculations. Students can also expect one group project in each of the four units.

Expected Homework: 1-2 hours per week on average.

Materials Required: binder with loose-leaf paper, pencil, pen and coloured pencils. A calculator is required.

Field Trips: One possible field trip to Playland (PNE to study the physics of rides).

Prerequisites: Science 8

Physical Education 9

Purpose: To learn to work and play together in a team setting and in the pursuit of team and individual goals; develop and refine motor and sport skills and techniques and tactics to actively and joyfully participate in various sporting and recreational activities; to facilitate an awareness of and appreciation for monitoring and maintaining one's fitness and health attributes and one's responsibility to God, others and self.

Outline:

soccer	sexuality
volleyball	minor games
basketball	fitness principles
ball hockey	football
dance	softball
badminton	track and field

Skills Developed: motor and tactical skills, relational and decisional skills, knowledge of strategies and rules, principles of a stewardly and healthy lifestyle focusing on responsible Christian decision-making.

Assignments: Term and/or unit tests, homework assignments in the health and fitness units, larger assignments in the main health unit.

Expected Homework: 0.5 hours per week

Materials Required: gym shirts as sold by the PE Department, indoor and outdoor gym shoes, sport socks, warm clothing suitable for outdoor activities in cooler weather, a binder for all handouts/tests/assignments/notes, etc. Students will not participate in class without gym strip which includes a gym shirt, shorts, and proper runners. NO sandals, hiking boots or casual shoes i.e. "Vans" or "Airwalks".

Field Trips: trips to various fields and facilities where necessary.

Math 9

Purpose: To develop a solid foundation in algebra; to prepare students for math encountered in society; to explore a cross section of mathematics; to develop a positive attitude towards mathematics.

Outline: Integers/Rationales/Powers/Roots

Introduction to Algebra
Solving Equations
Polynomials
Factoring
Geometry
Trigonometry
Shape and Space Transformations
Statistics/Probability

Skills Developed: Simplifying and evaluating equations, problem solving; calculating communicating mathematically; connecting and applying mathematical ideas; reasoning mathematically, estimation and mental mathematics.

Assignments: Regular homework, chapter tests and quizzes, and assignments.

Expected Homework: 1 – 2 hours per week.

Materials Required: Pencil, eraser, ruler, calculator, compass set.

Prerequisites: MA8

French 9

(*Optional Course)

Purpose: Students will continue in their acquisition of speaking, reading, listening and writing skills in French. Students will review and learn many grammatical concepts in order to enhance their communicative and linguistic competence. Students will be exposed to various aspects of French and Francophone culture and to authentic French documents.

Outline: The course is divided into units, each one revolving around a theme.

Skills Developed: Students will continue to develop the four communicative skills of reading, listening, speaking and writing in French.

Assignments: Students will be required to participate in a variety of interactive activities in class, involving different skills. Students will be given various assignments, including reading comprehension, writing and grammatical exercises. Students will be required to complete some mini-projects with oral and/or written components.

Expected Homework: 1 – 2 hours per week.

Materials Required: Textbook (supplied by teacher), binder, lined paper, pen, pencil, eraser, French-English dictionary.

Prerequisites: FR8

*All universities in B.C. have an entrance requirement for a second language at grade 11 level. We encourage students to remain in French to keep the university option open to them.

FINE ARTS

Concert/Jazz Band 9 & 10

Purpose: To celebrate the gift of music God has given us by: continuing to improve each individual's skills on his/her instrument(s) and by continuing to improve the ensemble sound throughout the year.

Outline:

Understanding Musical Terms Technical Aspect – tuning, scales
arpeggios, intervals, syncopations
Stylistic Aspect – articulations, dynamics, phrasing, breathing
Musical Aspect – Key, time, tempo melody, harmony, rhythm
Ways to improve the individual sound
Ways to improve the ensemble sound

Assignments: Practical tests to evaluate individual's musicality and improvement. Regular practice at home (20-30 minutes 2-3 times/week). Participation in concerts and festivals is mandatory.

Homework: Regular practice at home.

Art 9/10

Purpose: God calls His people to recognize and enjoy the aesthetic qualities of His creation, as well as the visual expression of others. Experiences in the visual arts program provide students with opportunities for innovative thinking and discernment. A Visual Arts program sensitizes them to the aesthetic whilst encouraging students to recognize and refine their own artistic skills. Students will have opportunities to grow as artists through exploring the creative process; through risk-taking experimentation, and self-evaluation.

Skills Developed: Students will be given opportunities to develop technical skills and use these in a personal, and imaginative or innovative way. They will also be encouraged to utilise their critical thinking skills and problem solving strategies in devising creative solutions, as well as in talking and

writing about art. Through observational drawing experiences, students will be able to develop fine motor skills, as well as extend their visual awareness of the environment around them. Manipulating various media to convey concepts and emotions will provide students with the forum for understanding and appreciating the processes and intentions of other artists. Students will also gain valuable work-place skills in mounting and preparing work for exhibition.

Outline:

- Observational drawing
- Sculpture (eg. ceramics, carving, wire sculptures, etc.)
- Printmaking techniques
- Mixed media, water-colour, glass, acrylic painting
- Textiles & papermaking
- Animation & graphic arts
- Art history & appreciation
- Art related careers
- Safety issues & studio practices in the Art studio
- Technology & processes
- Elements & Principles of Art & Design
- Contract projects
- Preparing an exhibition

Assignments: Students are expected to complete in-class projects as well as out of class Visual Diary assignments. Students negotiated or contract projects will generally be offered in term 3 or 4, and will also participate in preparing and presenting a collaborative exhibition of art work for the school community.

Expected homework: approximately 45 minutes per week, or as the instructor specifies.

Additional Costs: approx. \$25.00 (includes portfolio and art kit)

Materials: personal art supply kit purchased from the school at the

Field Trips possible trips to local galleries and artists' studios and public sculptures

Prerequisite: AR8

Theatre Production: Acting 9

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Assignments: Grade is assessed on participation in class, level of shown commitment to projects and the final production whether back stage or on stage.

Expected Homework: 0-2 hours a week – extra time during production

Additional Costs: A dramatic production in Vancouver (approx. \$30)

Field Trips: A professional Vancouver production

Prerequisites: No

Courses shown as 9/10 can be taken only once, in grade 9 or 10.

APPLIED SKILLS

Family Studies 9/10

Purpose: To focus specifically on learning the basic skills needed for independent living.

Outline:

- Resource Management (time, money, skills and talents)
- Nutrition
- Kitchen Safety
- Meal Planning
- Food Preparation and Serving
- Textiles
- Growth and Development

Skills Developed: Individual and team work, problem solving, budgeting, hand and machine sewing techniques, planning, preparing and serving meals.

Expected Homework: Periodic extended hours for a major cooking project involving cooking and serving at functions.

Materials Required: a full coverage apron

Additional Costs: up to \$15 for our major field trip.

Prerequisite: No

Journalism 9/10

Purpose: This course is designed to promote analytical and critical thinking as students explore the messages and media that surround them daily. How do Christians speak with integrity, respect and love into our culture? How do we read the media to understand the complexity of messages, influences, and values?

Outline:

- Media reviews-movies, television
- Current issues/events
- Preparation of high school newspaper
- School news for local newspapers
- In May

Students will be expected to work independently, with partners, in groups, and meet important deadlines. Time pressures and periodic overload will accurately reflect the pressures of jobs in journalism.

Skills Developed: Meeting deadlines under pressure, team work, computer literacy, publishing critical thinking, expressing difficult ideas in writing, understanding bias, and persuasive writing.

Expected Homework: Periodic extra hours, 3 - 5 hours per week (when paper is due).

Prerequisite: EN8

Computer Studies 9

Purpose: To introduce students to Windows 98 in a networked environment, Microsoft Office 97 and Microsoft programming languages used as applications.

Outline:

Operating systems and network
How a computer works, network, software
Application – word processing,
spreadsheets, presentations
Basic programming and problem
solving to Intermediate level
Current issues in technology
integrated throughout the course
Introduction to Web programming

Skills Developed: application experience, confidence in computer use, ability to follow sequential instructions to accomplish a task.

Expected Homework: 0.5 hours per week

Materials Required: computer disks and disk case

Prerequisites: MA8

Industrial Education 9/10 Mechanics & Woodworking

Purpose: To gain a general understanding of automotive and small engine operation, repair and maintenance through theory and shop practice. To attain a general understanding of mechanical drafting, wood materials, wood design, and woodworking practice.

Outline: Mechanics - Safety in Auto Shop – handling of materials, equipment and practices.

Automotive trade tools and measurement

The Internal Combustion Engine: Fuel Systems, lubrication cooling and exhaust.

Small engine operation theory

Small engine disassembly, repair, assembly, and tune-up

Mechanical drafting unit project design

Materials unit and general shop safety

Hand tools unit

Portable power tools unit

Stationary power tools unit

Wood joints/Templates unit

Finishing unit

Measuring math unit

*Power tools safety test assigned throughout (100% pass mandatory).

Skills Developed: Understanding of theory and practical “hands-on” skills, diagnostic skill developed. Practice and understanding of drafting and woodworking techniques.

Assignments: Small engine repair. Completion of a series of mechanical drafting, drawings, wood joint construction (hand tools), small box construction (power tools), individual major project (limited choice), and unit tests assigned throughout the course, as well as project evaluation.

Prerequisites: No

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