

# SENIOR HIGH AT-A-GLANCE

## CAREER AND LIFE MANAGEMENT (CALM)

**Personal Choices**

- apply an understanding of the emotional/psychological, intellectual, social, spiritual and physical dimensions of health in managing personal well-being.

**Career and Life Choices**

- develop and apply processes for managing personal, lifelong career development.

**Resource Choices**

- make responsible decisions in the use of finances and other resources that reflect personal values and goals and demonstrate commitment to self and others.

**ELA 10-2, 20-2, 30-2**

- develop a variety of reading, comprehension and writing strategies
- respond to texts at a variety of different levels of sophistication.

**ELA 10-1, 20-1, 30-1**

- analyze, respond to and create complex texts
- identify and examine ways in which cultural and societal influences are reflected in a variety of Canadian and international texts.

## ENGLISH LANGUAGE ARTS

**ELA 10-4, 20-4, 30-4**

- read and write for specific, concrete purposes
- speak clearly and confidently
- view and demonstrate understanding
- engage in active listening.

## FRENCH LANGUAGE ARTS

Students develop **reading comprehension** by:

- reading texts dealing with information, opinion and current events
- reading novels and plays
- reading texts that are explanatory, analytical and argumentative.

Students develop **oral skills** by:

- using expressions or words to describe events, points of view and experiences
- taking into account the particular characteristics of the audience.

Students develop **writing skills** by:

- writing argumentative texts and summaries
- consulting reliable sources to ensure text quality
- modifying certain components of the text to enrich it
- respecting the language mechanisms to be mastered
- using reference works effectively.

**Benefits Health**

- analyze and reflect upon ways to achieve a personal functional level of fitness
- perform appropriate physical activities for stress management and relaxation.

**Activity**

- develop and apply skills through experiences in the dimensions of:
  - Alternative Environments, Dance, Individual Activities, Types of Gymnastics.

## PHYSICAL EDUCATION 10

**Cooperation**

- communicate thoughts and feelings in an appropriate respectful manner
- demonstrate etiquette and fair play.

**Cadiopulmonary Resuscitation (CPR)**

**Do It Daily...for Life!**

- develop a personal plan for physical activity
- investigate participation in community activity programs.

**Science 10**

- explore topics in chemical, technological, living and global systems
- recognize the relationships of science to technologies and society
- develop a foundation for all academic sciences.

**Science 14–24**

- explore scientific principles behind natural phenomena and everyday technologies
- recognize the role of science in problem solving and decision making.

**Science 10-4, 20-4 (Knowledge and Employability)**

- develop and apply essential science skills, knowledge and attitudes needed for everyday living at home, the workplace and the community.

## SCIENCE

**Biology 20–30**

- explore the interactions of living things with one another and their environment
- examine energy and matter exchange; adaptation and change in living systems
- recognize the role of science in societal decision-making and maintaining a sustainable environment.

**Chemistry 20–30**

- explore matter and its changes
- recognize the chemical principles that underlie natural events
- develop an awareness of the impacts of chemistry on their lives.

**Physics 20–30**

- examine matter and energy, and their interactions
- recognize the physics principles that underlie natural events
- explore technologies used in daily life.

**Mathematics 14–24**

- review and consolidate basic mathematical understandings
- acquire practical life skills.

**Applied Mathematics 10–20–30**

- study applications of mathematics
- apply numerical and geometrical approaches to problem solving.

**Mathematics Preparation 10**

- review key outcomes from junior high
- prepare for Applied Mathematics 10 or Pure Mathematics 10, or Mathematics 24.

## MATHEMATICS

**Mathematics 10-4, 20-4**

- develop and demonstrate a number sense for whole numbers, common fractions, decimals, percents and integers
- apply arithmetic operations to solve everyday problems.

**Mathematics 31**

- study advanced mathematics for entrance into some post-secondary programs.

**Pure Mathematics 10–20–30**

- examine and analyze mathematical theory
- apply algebraic and graphical approaches to problem solving
- use a variety of computational methods including advanced, as appropriate.

**Social Studies 10-1, 10-2**

- exploration of multiple perspectives on the origins, impacts and possible responses to globalization
- development of the understanding, appreciation, values and skills required for engaged, active, informed and responsible citizenship.

**Social Studies 30-1, 30-2**

- exploration of the origins and complexities of ideologies and development of individual and collective responses to contemporary local, national and global issues
- development of the understanding, appreciation, values and skills required for engaged, active, informed and responsible citizenship.

## SOCIAL STUDIES

**Social Studies 20-1, 20-2**

- exploration of the complexities of nationalism in Canadian and international contexts and the influence of nationalism on regional, international and global relations
- development of the understanding, appreciation, values and skills required for engaged, active, informed and responsible citizenship.

**Social Studies 10-4, 20-4 (Knowledge and Employability)**

- exploration of identity, history, prosperity and citizenship in relation to globalization
- issue analysis, reflection and projects related to Nationalism and Identity, national interest, Internationalism and Canadian national identity.

**INFORMATION AND COMMUNICATION TECHNOLOGY (ICT).** Students learn and apply ICT knowledge and skills while learning in content areas such as language arts, mathematics, science and social studies.

