

## Highland Grade 9 Course Offerings

### **ENG1D - ENGLISH, Academic, Grade 9**

This course emphasizes the analytical reading, writing, oral communication and thinking skills that students need for success in secondary school academic programs and their daily lives. Students will study and interpret texts from contemporary and historical periods, including short stories, poems, and short essays, and will investigate and create media works. An important focus will be the correct and effective use of spoken and written language.

### **ENG1P – ENGLISH, Applied, Grade 9**

This course emphasizes key reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. Students will study plays, short stories, newspaper and magazine articles, and will describe and create media works. An important focus will be the correct use of spoken and written language.

### **FSF1D – CORE FRENCH, Academic, Grade 9**

This course emphasizes the further development of oral communication, reading, and writing skills in French. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, trends and careers. Thematic readings, which include a selection of short stories, articles and poems, will serve as stepping stones to oral and written activities.

### **FSF1P – CORE FRENCH, Applied, Grade 9**

This course uses a media theme to develop oral communication skills. The development of oral communication skills will be integrated with the development of reading and writing skills. Students will expand their ability to understand and speak French through conversation, discussions, and presentations. They will read media-related short articles, poems and songs; and write brief descriptions, letters, dialogues and invitations.

### **CGC1D – GEOGRAPHY OF CANADA, Academic, Grade 9**

Using a variety of frameworks, including eco-zones and principles of physical, human, and economic geography, this course explores the distinct and evolving character of Canada's geography. Students will investigate the interconnections between the environment and human activities in Canadian eco-zones in order to understand Canada's diversity and role in the world.

### **CGC1P – GEOGRAPHY OF CANADA, Applied, Grade 9**

This course draws upon students' everyday experiences and uses a variety of frameworks, including eco-zones, to help students learn about the geography of Canada and the country's place in the global community. Students will investigate the interconnections among the country's landforms, climate, soils, plants, animals, and human activities in order to understand Canada's physical character and diversity, and various kinds of interactions.

### **MPM1D – PRINCIPLES OF MATHEMATICS, Academic, Grade 9**

This course enables students to develop mathematical ideas through exploration of applications, the effective use of technology and abstract reasoning. Students will investigate relationships between volume and surface area of objects in measurement, and apply extended algebraic skills in problem solving. Students will engage in abstract extensions of core learning that will deepen their mathematical knowledge and enrich their understanding.

### **MFM1P – FOUNDATIONS OF MATHEMATICS, Applied, Grade 9**

This course enables students to develop mathematical ideas and abstract reasoning through exploration of applications, the effective use of technology, and extended experiences with

hands-on activities. Students will investigate relationships of straight lines in analytic geometry, solve problems involving measurement of 3-dimensional objects and 2-dimensional figures, and apply key numeric and algebraic skills in problem solving. Students will also have opportunities to consolidate core skills and deepen their understanding of key mathematical concepts.

#### **SNC1D – SCIENCE, Academic, Grade 9**

This course enables students to understand essential concepts in biology, chemistry, earth and space science, and physics; to develop skills in the processes of scientific inquiry; and to relate science knowledge to technological, social, and environmental knowledge. Students will learn about scientific theories and pursue inquiries related to cell division and reproduction, atomic and molecular structures, properties of elements and compounds, the universe and space exploration, and the principles of static and current electricity.

#### **SNC1P – SCIENCE, Applied, Grade 9**

This course enables students to understand essential concepts in biology, chemistry, earth and space science, and physics; to develop practical skills in scientific investigation; and to apply their knowledge of science to everyday situations. Students will design and conduct investigations into practical problems and issues related to cell division and reproduction, the structure and properties of elements and compounds, astronomy and space exploration, and static and current electricity.

#### **PPL10 – HEALTHY ACTIVE LIVING EDUCATION, Open, Grade 9**

This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness, physical competence, and safety/injury-prevention strategies. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco and other drugs; and they will participate in activities designed to develop goal-setting, communication, and social skills.

#### **AMI10 – INSTRUMENTAL MUSIC – BAND, Open, Grade 9**

The course emphasizes the performance of music at a level that strikes a balance between challenge and skill, and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

#### **ADA20 – DRAMATIC ARTS, Open, Grade 10**

This course requires students to actively explore dramatic forms and techniques, using their own ideas and concerns as well as sources selected from a wide range of authors, genres, and cultures. Student learning will include identifying and using the principles of space, time, voice, and movement in creating, sustaining, and communicating authentic roles within a drama, and students will analyze and reflect on the experience.

#### **AVI10 – VISUAL ARTS, Open, Grade 9**

This course offers an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials through working with a range of materials, processes, techniques, and styles. They will learn and use methods of analysis and criticism, and will study the characteristics of particular historical periods, a selection of Canadian art, and the art of other cultures.

#### **LWGBD – GERMAN, Academic, Level 1**

This course is designed to enable students to begin to communicate with native speakers of German. Students will use simple language and read age and language appropriate passages for

various purposes. They will explore aspects of the culture of countries where German is spoken, including social customs and the arts, by participating in cultural events and activities involving both print and technological resources.

**HIF10 – INDIVIDUAL & FAMILY LIVING, Open, Grade 9**

This course explores the challenges faced by all people: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will acquire knowledge and skills that are needed to make the transition to adulthood. Teachers will instruct students in developing interpersonal, decision-making, and practical skills related to daily life. Students will explore the functioning of families and the diversities found among families and within society.

**TIJ10 – INTEGRATED TECHNOLOGIES, Open, Grade 9**

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.

**BTT10 – INTRODUCTION TO INFORMATION TECHNOLOGY IN BUSINESS, Open, Grade 9**

This course introduces students to the use of information technology in a business environment. Students will learn how to use information technology in a work environment, perform electronic research, communicate electronically, and use common business software. They will also explore possible future occupations in information technology.