



REGIOPOLIS-NOTRE DAME CHS – GRADE 9 - COURSE DESCRIPTIONS

Streaming Academic, Applied, Locally Developed, Open
Students will choose compulsory courses in grade 9 at either the Academic or Applied Level. Elective courses are offered at the Open level.

Academic Courses:

Emphasize theoretical abstract applications. Incorporate practical applications.

Applied Courses:

Emphasize practical; concrete applications. Incorporate theoretical applications, as appropriate.

Locally Developed Courses:

Practical and concrete applications leading to the workplace.

Open Courses:

One set of expectations. Appropriate for all students.

International Baccalaureate:

Students wishing to graduate from high school with an IB Diploma begin their preparation IB by taking the following courses in grade 9: English, French, Mathematics, and Science, one of Visual Arts or Music and Healthy Active Living.

Compulsory

English (Academic) ENG 1D1

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.

English (Applied) ENG 1P1

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 novels, plays, short stories and articles, and will describe and create media works. An important focus will be the correct use of spoken and written language.

English (Locally Developed) ENG 1L1

This course provides foundational literacy and communication skills to prepare students for success in their daily lives and in the workplace.

French Core (Academic) FSF 1D1

This course emphasizes the further development of oral communication, reading, and writing skills. 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.

French Core (Applied) FSF 1P1

This course emphasizes the further development of oral communication skills, using the theme of media; the development of oral and listening skills will be integrated with the development of reading and writing skills. Students will expand their ability to understand and speak French through conversations, discussions, and presentations. They will also read media-related short stories, articles, poems and songs and write brief descriptions, letters, dialogues, and invitations.

French Extended (Academic) FEF1D1

This course emphasizes the expansion of students' oral communication, reading, and writing skills through the study of themes that reflect their interests. Students will apply their knowledge of French in discussions, debates, dramatizations, and oral presentations. Students will read and write in a variety of genres (e.g. poems, articles, brochures) and study at least one novel intended for a French-speaking audience.

French Immersion (Academic) FIF 1D1

This course enables students to expand their language knowledge and skills through the study of twentieth-century North American Francophone literature and culture. Students will participate in oral communication, reading, and writing activities as they study a novel and selected poems, legends, songs, films, and newspaper articles from the French-speaking world in North America

Geography of Canada (Applied) CGC 1P1

This course draws upon students' everyday experiences and uses a variety of frameworks, including ecozones, 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 land forms, climate, soils, plants, animals, and human activities in order to understand Canada's physical character and diversity, and various kinds of interactions.

Geography of Canada /Geographie (Academic) CGC 1D1/E/1

This course uses a variety of frameworks, including ecozones and principles of physical, human, and economic geography, to explore the distinct and evolving character of Canada's geography. Students will investigate the interconnections between the environment and human activities in Canadian ecozones in order to understand Canada's diversity and role in the world.

Mathematics (MTH 1W1)

This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations. Students will continue to enhance their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking.

Mathematics (Locally Developed) MAT1L1

This course emphasizes development of fundamental mathematical knowledge and skills to prepare students for success in their everyday lives in the workplace.

Religious Education (Open) HRE 1O1/E/1

This course is designed to assist students' growth in self-knowledge in order to facilitate better understanding of themselves in relation to God and others. It includes a review of Catholic Doctrine, an overview of the Bible in order to understand better our Judeo-Christian heritage and the teachings of Christ. Elements of the liturgical year are highlighted. The focal point of this course is the person of Jesus. The course also focuses on the impact of Christian teaching on personal and social problems. It establishes and emphasizes scripture and Church teaching as the basis for moral support.

Science (Academic) SNC 1D1

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.

Science**(Applied)****SNC 1P1**

This course enables students to understand essential concepts in biology, chemistry, earth and space science, and physics to develop practical skill 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 explorations, and static and current electricity.

Science**(Locally Developed)****SNC 2L1**

This course reinforces and strengthens science-related knowledge and skills to prepare students for success in everyday life, in the workplace and in the Science Grade 12 Workplace Preparation course.

Electives**Computer Applications****(Open)****BTT 1O1**

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.

Healthy Active Living Education**(Open)****PPL1O1F/PPL1O1M**

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 and 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 will participate in activities designed to develop goal-setting, communication, and social skills.

Exploring Construction Technologies**(Open)****TCJ 1O1**

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 post-secondary education and training pathways leading to careers in technology-related fields.

Music**(Open)****AMU 1O1**

This 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.

Nutrition and Food**(Open)****HFN 1O1**

This course explores the challenges faced by all people to meet basic needs, to relate to others, to manage resources, and to become responsible members of society. Students will learn about how families work and the diversity of families and societies; and will have opportunities to develop interpersonal skills, decision-making skills, and practical skills related to family and social issues in daily life.

Visual Art**(Open)****NAC 1O1**

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 art periods and a selection of Canadian art and the art of other cultures.

IB PREP**English****RND IB Preparation****ENG 1DB**

This is the first course in a program carefully designed to satisfy national and international requirements for academic preparation. Students are offered a sound training in critical thinking and writing skills that will serve as the basis for students in the International Baccalaureate program.

The International focus is reflected in the literature chosen. Students will study a variety of literary forms (e.g. short stories, novels, myth, Shakespearean and modern drama), and will write in a variety of modes. The course will also include a study of the principles of grammar and other aspects of language.

French - Core**RND IB Preparation****FSF 1DB**

The aim of this is to further develop the four basic language skills of listening, speaking, reading, and writing through a thematic approach. Language patterns are reinforced through a variety of intensive and extensive readings that will have an international focus.

French - Extended**RND IB Preparation****FEF 1DB**

This course is the first of a 4 year sequential program designed for high school students who begin to study the French language intensively in Grade 5 (Middle Immersion). This course is designed to further develop oral and written communication skills through the study of more complex language structures. Reading on a variety of topics related to life in French speaking countries enhance writing activities and group discussions. Students are introduced to short stories, novels, and poets that have an international focus.

French - Immersion**RND IB Preparation****FIF 1DB**

This course is the first of a 4 year sequential program, designed for high school students who begin to study the French language in Grade 1 or earlier (Early Immersion). The main emphasis of the course is on effective communication both orally and in written form. Students review grammatical structures taught previously and are introduced to more complex language structures through the study of short stories, novels and poetry that have an international focus.

Mathematics**RND IB Preparation****MTH 1WB**

This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations. Students will continue to enhance their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking.

Science**RND IB Preparation****SNC 1DB**

This science course has been accelerated to meet the needs of highly motivated students with excellent work habits and an aptitude for science, technology and mathematics. The topics will be similar to those of SNC1D and SNC2D; however, the course content will be covered at an accelerated rate to allow concepts to be covered in greater depth. The laboratory work will emphasize and extend the students' research and problem solving skills.

ElectivesArts - one of **AMU 1O1** or **AVI 1O1**Health & Active living Education **PPL1O1F/PPL1O1M**

REGIOPOLIS-NOTRE DAME CHS – GRADE 9 OPTION SHEET

NAME: _____ Elementary School: _____

Academic courses:

Emphasize theoretical, abstract applications. Incorporate practical application, as appropriate; University Prep.

Applied Courses:

Emphasize practical, concrete applications. Incorporate theoretical applications, as appropriate; College Prep.

Locally Developed:

Essential skill upgrade. Workplace Prep.

Open Courses:

One set of expectations. Appropriate for all students.

COMPULSORY CREDITS – Choose ONE from each subject (except IB Prep students)*

1. English:

Academic–ENG1D1 _____ Applied–ENG1P1 _____ Locally Developed–ENG1L1 _____

2. Mathematics:

MTH1W1 _____ Locally Developed–MAT1L1 _____

3. Science:

Academic–SNC1D1 _____ Applied–SNC1P1 _____ Locally Developed–SNC2L1 _____

4. Geography:

Academic–CGC1D1 _____ Applied–CGC1P1 _____ Immersion _____ Extended _____

5. French:

Academic–FSF1D1 _____ Applied–FSF1P1 _____ Immersion _____ Extended _____

6. Religion:

Core–HRE1O1 _____ Immersion _____ Extended _____

ELECTIVE CREDITS – Choose TWO

Phys. Ed.–PPL1O1 Male ___ Female ___ Visual Arts–NAC1O1 _____ Food & Nutrition–HFN 101 _____

Computer Applications–BTT1O1 _____ Music–AMU1O1 _____ Construction–TCJ 1O1 _____

*** IB Preparation: Complete this portion if you are an IB candidate:**

Students wishing to graduate from high school with an IB Diploma begin their preparation by taking the following IB preparation courses in grade 9: English, French, Mathematics and Science. Students must also include 1 of Art or Music and Phys. Ed. in grade 9.

Students choosing IB must have the enclosed recommendation form filled out by their grade 8 teacher and returned.

English–ENG1D1B _____ French– Core ___ Extended ___ Immersion ___

Mathematics–MTH1W1B _____ Geography–Core ___ Extended ___ Immersion ___

Science–SNC1D1B _____ Religion– Core ___ Extended ___ Immersion ___

Art–NAC1O1 ___ or Music–AMU1O1 _____ Phys Ed–PPL1O1 Male ___ Female ___