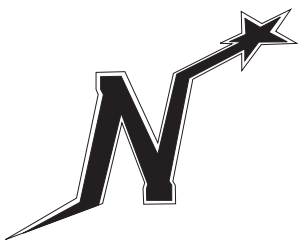


Course Calendar

Grade 9



S U D B U R Y
SECONDARY SCHOOL



WHAT DO I TAKE IN GRADE 9?

COMPULSORY SUBJECTS

In grades 9 and 10, compulsory subjects are offered in three streams: **ACADEMIC**, **APPLIED** and **ESSENTIAL**.

Academic courses cover essential concepts plus enrichment activities. While course work exposes students to both theories and practical applications, there is greater emphasis on **THEORY** as a basis for future learning and problem solving. Maximum of 32 students.

Applied courses focus on the essential concepts. While course work exposes students to theories and practical applications, the emphasis is on **PRACTICAL**, familiar real-life situations and “hands-on” applications. These classes have a maximum of 23 students.

Essential courses offer basic skill development for students working at level one or below level one in the knowledge and skills required for success in Grade 9 Academic or Applied **or** students with Individual Education Plans (IEPs) that indicate they are working **below** the Grade 8 level in core subject areas. These classes have a maximum of 18 students.

OPTIONS

Elective courses are non-streamed (**OPEN**) with one set of expectations appropriate for all students

Compulsory Subjects

English
Mathematics
Science
French
Geography

Options

Arts
Business Studies
Technological Studies
Healthy Active Living Education
Family Studies

COMPARING LEVELS

APPLIED	ACADEMIC
More hands on, concrete (practical)	More abstract (theoretical)
More directed, like a recipe with step by step teacher-directed approach to learning	More independent, student-initiated, student directed learning, greater work load
Shorter, more familiar examples	Longer, more unfamiliar examples
Recognizing and describing what is heard and read	Explaining and analysing what is heard and read
Focussing on developing essential skills	Building on essential skills
Preparation for apprenticeship, community college or the workplace	Preparation for community college or university

WHAT WILL MY DAY LOOK LIKE?

SEMESTER 1			SEMESTER 2		
PERIOD AND TIME		COURSE	PERIOD AND TIME		COURSE
	8:20- 8:23	Announcements		8:20 - 8:23	Announcements
1	8:23 - 9:38	SCIENCE	1	8:23 - 9:38	ENGLISH
2	9:42 - 10:57	FRENCH	2	9:42- 10:57	GEOGRAPHY
	10:57 - 11:46	LUNCH BREAK		10:57- 11:46	LUNCH BREAK
3	11:46 – 1:01	MATHEMATICS	3	11:46 - 1:01	HEALTHY ACT. LIVING
4	1:01 - 2:20	OPTION “A”	4	1:01 - 2:20	OPTION “B”

WHAT DO I NEED TO GRADUATE?

Students must earn **18** compulsory credits to obtain the Ontario Secondary School Diploma:

- 4 credits in English (1 credit per grade)*
- 3 credits in mathematics (1 credit in Grade 11 or 12)
- 2 credits in science
- 1 credit in Canadian history
- 1 credit in Canadian geography
- 1 credit in the arts
- 1 credit in health and physical education
- 1 credit in French as a second language
- 0.5 credit in career studies
- 0.5 credit in civics

Plus one credit from each of the following groups:

- 1 additional credit (group 1): additional credit in English, or French as a second language, or a Native language, or a classical or an international language, or social sciences and the humanities, or Canadian and world studies, or guidance and career education, or cooperative education
- 1 additional credit (group 2): additional credit in health and physical education, or the arts, or business studies, or French as a second language, or cooperative education
- 1 additional credit (group 3): additional credit in science (Grade 11 or 12), or technological education, or French as a second language, or computer studies, or cooperative education

Plus 12 optional credits, 40 hours of community service, and the provincial literacy requirement.

REGULAR PROGRAM COMPULSORY COURSE DESCRIPTIONS

ENGLISH

(ACADEMIC)

ENG1D0

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. Literature circles are also used to deepen students' understanding. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 ENG2D0, which leads to university or college preparation courses in Grades 11 and 12.

ENGLISH

(APPLIED)

ENG1P0

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. The course also includes literature circles and a variety of novels oriented specifically towards boys. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 ENG2P0, which leads to college or workplace preparation courses in Grades 11 and 12.

ESSENTIAL ENGLISH (LOCALLY DEVELOPED)

ENG1L0

This course emphasizes the key reading, writing, oral communication and thinking skills students need for success in secondary school and in their daily lives. In particular, the program works toward preparing students to enter the Grade 10 English course and to complete the literacy test successfully. Students read a variety of narrative and expository forms, poetry, and drama and practice the skills necessary for clear and accurate spoken and written language. In particular, course activities will help develop confidence and self-esteem and provide motivation to succeed in school and life.

CORE FRENCH

(ACADEMIC)

FSF1D0

The course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language knowledge and skills by using language-learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners.

CORE FRENCH**(APPLIED)****FSF1P0**

This course provides opportunities for students to communicate and interact in French in structured situations on everyday topics and to apply their knowledge of French in everyday situations. Students will continue to develop language knowledge and skills introduced in elementary Core French program, through practical applications and concrete examples and will use creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language speakers.

CORE FRENCH**(OPEN)****FSF100**

This is an introductory course for students who have little or no knowledge of French or who have not accumulated the minimum of 600 hours of elementary Core French instruction. Students will begin to understand and speak French in guided and structured interactive settings, and will develop fundamental communications skills through discussing situations and issues that are relevant to their daily lives. Throughout the course, students will develop their awareness of diverse French-speaking communities in Canada and acquire an understanding and appreciation of these communities. They will also develop a variety of skills necessary to become life-long language learners. This course meets the diploma requirement for French.

GEOGRAPHY OF CANADA**(ACADEMIC)****CGC1D0**

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore the environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live.

GEOGRAPHY OF CANADA**(APPLIED)****CGC1P0****(APPLIED ACCOMODATED)****CGC1PZ**

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. Students studying at the essential level will study CGC1PZ with accommodated course expectations.

PRINCIPLES OF MATHEMATICS (ACADEMIC)**MPM1DO**

This course enables students to develop understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relationship. They will also explore relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

This course prepares Students for MPM2D0 or MFM2P0.

FOUNDATIONS OF MATHEMATICS (APPLIED)**MFM1PO**

This course enables students to develop understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

This course prepares Students for MFM2P0.

ESSENTIAL MATHEMATICS (LOCALLY DEVELOPED)**MAT1LO**

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 Mathematics course, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

SCIENCE**(ACADEMIC)****SNC1DO**

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

SCIENCE**(APPLIED)****SNC1PO**

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

ESSENTIAL SCIENCE (LOCALLY DEVELOPED)**SNC1LO**

This course enables students to deepen their knowledge and understanding of the basic concepts in biology, chemistry, earth and space science, and physics; to develop practical skills in science investigation; and to apply their knowledge and skills to everyday situations. Students conduct investigations into practical problems and issues related to cells and reproduction, the structure and properties of elements and compounds, static and current electricity, and astronomy and space exploration. A variety of hands-on activities assist students to acquire concepts. Students will use different reporting strategies to facilitate the development of communication skills.

HEALTHY ACTIVE LIVING EDUCATION (OPEN)**PPL1OF (girls)
PPL1OM (boys)**

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.

FRENCH IMMERSION

Sudbury Secondary School offers students the opportunity to spend half the day speaking and working in French and the other half of the day speaking and working in English. Students are also able to enrol in Programs in Arts Education while they are part of the French Immersion Program. Students will receive a **Certificate of Bilingualism** from The Rainbow District School Board when they have acquired **10 French Immersion credits** which should include 4 Français plus 6 other Immersion credits. Students are encouraged to obtain **3 senior credits**.

Students may continue their French Immersion Program while being part of the Programs in Arts Education. In grade 9 they will study half of their courses in French and the other half in English. Français, Géographie or Histoire, Nutrition, Vie Active et Santé, Education à la citoyenneté and Exploration de carrières will all be offered in French. English, Mathematics, Technology and Arts courses will be offered in English. This provides a unique opportunity to continue to improve bilingual skills: progressing through the full secondary school program and achieving the bilingual certificate, while at the same time gaining an extra appreciation of the Programs in Arts Education through artistic training and further enrichment opportunities.

Some French Immersion courses alternate every other year.

EDUCATION À LA CITOYENNETÉ (OPEN)

CHV20I

Dans ce cours, l'élève acquiert les connaissances et développe les qualités qui lui permettront d'être une bonne citoyenne ou un bon citoyen de sa communauté, de sa province, de son pays et du monde. L'élève découvre les éléments de la démocratie en étudiant les rouages du système politique du Canada et prend conscience de la complexité de la vie démocratique dans une société pluraliste comme le Canada. Le cours lui permet aussi d'appliquer sa pensée critique et créative dans le processus de résolution de problèmes et de prise de décisions pour explorer différentes façons d'être une citoyenne ou un citoyen actif et responsable. Offert tous les deux années. Veuillez voir la page d'options.

EXPLORATION DE CARRIÈRE (OPEN)

GLC20I

Ce cours permet à l'élève d'apprendre comment développer et atteindre des objectifs personnels sur le plan des études, du travail et de la vie communautaire, durant et après ses études secondaires. L'élève évalue ses intérêts, ses caractéristiques personnelles, ses habiletés et explore les tendances économiques et sociales actuelles, les possibilités d'emploi ainsi que les façons d'accéder au marché du travail. Le cours explore les possibilités d'apprentissage, de destinations postsecondaires et de métiers et de professions. De plus, il prépare l'élève à gérer les transitions inhérentes à la vie et au travail, et l'aide à se concentrer sur ses objectifs par l'entremise du développement d'un plan de carrière. L'élève reconnaît les avantages de connaître les deux langues officielles du Canada sur le plan professionnel. Offert tous les deux années. Veuillez voir la page d'options.

FRANÇAIS**(ACADEMIC)****FIF1DI**

Ce cours permet à l'élève de développer ses compétences langagières en communication orale, en lecture et en écriture. L'élève devra étudier divers textes courants et littéraires, ce qui l'amène à réfléchir sur les valeurs qui caractérisent la communauté francophone et lui permet de développer son esprit critique et son sens d'appartenance à la francophonie.

GÉOGRAPHIE CANADIENNE**(ACADEMIC)****CGC1DI**

Ce cours fait ressortir la diversité et le caractère distinct du Canada et présente des éléments de géographie physique et humaine. L'élève examine les interactions entre l'être humain et son environnement à l'échelle nationale ainsi que les relations du Canada avec d'autres pays sur le plan économique, culturel et environnemental. Elle ou il effectue des recherches pour analyser des questions géographiques et présente ses conclusions. L'utilisation de diverses méthodes et technologies propres à la géographie lui permet de développer sa pensée critique et d'acquérir des habiletés en recherche et en communication. Offert tous les deux années. Veuillez voir la page d'options.

HISTOIRE DU CANADA AU Xxe SIECLE (ACADEMIC)**CHC2DI**

Ce cours retrace l'évolution politique, économique et sociale du Canada depuis la Première Guerre mondiale jusqu'à présent et souligne son rôle sur la scène internationale. L'élève prend conscience des forces internes et externes qui ont façonné le Canada et contribué au développement de son identité. Elle ou il étudie la diversification croissante de la population, la transformation de la société à la suite de l'industrialisation et de l'avènement de la technologie et la participation du Canada à des événements mondiaux et à des ententes internationales comme les deux guerres mondiales et le libre-échange. Le cours lui permet de reconnaître différentes interprétations historiques, d'établir des liens de cause à effet, de soutenir des hypothèses, de faire des recherches et d'en présenter les résultats. Offert tous les deux années. Veuillez voir la page d'options.

VIE ACTIVE ET SANTE**(OPEN)****PPL1OI (CO-ED)**

Ce cours est axé sur la promotion de la vie active et de la santé et incite l'élève à participer régulièrement à une gamme d'activités physiques intéressantes dans le but de perfectionner ses habiletés motrices et d'améliorer sa condition physique. Le cours permet également à l'élève de développer ses habiletés personnelles et sociales et d'étudier certaines questions telles que la sexualité, l'usage et l'abus de substances, la sécurité personnelle et la prévention des blessures. Offert tous les deux années. Veuillez voir la page d'options.

ACTIVITES PERSONNELLES ET DE CONDITIONNEMENT (OPEN) PAF10I

Ce cours met l'accent sur l'adoption d'un mode de vie sain et sur la participation à diverses activités physiques susceptibles de plaire à l'élève sa vie entière. Tout au long du cours, l'élève développe ses habiletés motrices. Il ou elle améliore aussi ses compétences dans d'autres domaines: aussi l'élève se fixe des buts, prend des décisions, résout des problèmes et raffine ses habiletés sociales. L'élève étudie également les principes reliés à des relations interpersonnelles équilibrées, à une sexualité saine, à une bonne santé mentale et à la sécurité.

ALIMENTATION ET NUTRITION (OPEN)

HFN20I

Ce cours permet à l'élève d'analyser les besoins nutritionnels de la personne et l'aide à réfléchir aux influences familiales, sociales et culturelles qui guident les choix alimentaires. Une étude des recommandations nutritionnelles du Guide alimentaire canadien et des principes d'une bonne alimentation amène l'élève à reconnaître l'importance d'effectuer des choix alimentaires éclairés pour se maintenir en bonne santé tout au long de sa vie. L'élève pourra concevoir des menus équilibrés et préparer des repas et des collations nutritives. En examinant l'impact environnemental de l'approvisionnement alimentaire, l'élève est amené à explorer des façons de réduire son empreinte écologique. Ce cours comme tous ceux du programme-cadre de sciences humaines et sociales cible aussi le développement de compétences en recherche et en communication.

REGULAR PROGRAM OPTIONAL COURSE DESCRIPTIONS

Students must choose 1 course from Block “A” and TIJ100 from Block “B” for a total of 2 credits. All courses are offered at the open level.

BLOCK “A”

DANCE

ATC100

This course gives students the opportunity to explore their technical and compositional skills by applying the elements of dance and the tools of composition in a variety of performance situations. Students will generate movement through structured and unstructured improvisation, demonstrate an understanding of safe practices with regard to themselves and others in the dance environment, and identify the function and significance of dance within the global community.

INSTRUMENTAL MUSIC

AMU100

This course is designed to meet the needs of those students who would like to begin the study of a musical instrument on a brass, woodwind or on percussion instruments. This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life.

VISUAL ARTS

AVI100

This course is exploratory in nature, offering 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 by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.

VOCAL MUSIC

AMV100

This course emphasizes the performance of vocal music at a level that strikes a balance between challenge and skill, developing confidence and technique in solo and ensemble work. Formal vocal training is enhanced by the study of jazz and other contemporary musical styles. Students will participate in creative activities that teach them to listen with understanding while developing their sensitivity and imagination. They will also learn correct musical terminology and its appropriate use, and acquire a basic working knowledge of the piano keyboard.

BLOCK “B”

EXPLORING TECHNOLOGIES

TIJ100

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.

SPECIAL EDUCATION

The needs of individual exceptional pupils in Special Education are delineated by an Identification, Placement and Review Committee (IPRC). Every effort is made to accommodate the individual differences of students. Special Education Programs are offered to meet those needs.

All exceptional students (those identified with an Individual Education Plan) have access to the Resource Room. Some of the services provided in the Resource Room are: Learning Strategies credit courses; assistance with homework and other class assignments; and accommodations such as using computers and providing extra time for tests and exams. Several "Assistive Technology Access" computer stations are located in the Resource Room.

THE GRADE 9 AUTISM SPECTRUM DISORDER (ASD), LIFE SKILLS AND TRANSITION PROGRAMS

The **GRADE 9 ASD, LIFE SKILLS AND TRANSITION PROGRAMS** provide an alternate level of instruction than the regular academic, applied and open courses offered in grade 9. Admission to these programs will be strictly through an **IPRC (Identification, Placement & Review Committee)** meeting.

The main focus of these programs is to provide students with the knowledge, values and skills needed as preparation for becoming worthwhile employees and citizens. The emphasis is on **life skills** in all subject areas. These courses provide as much hands-on experience as possible.

Classroom subjects included will be selected from the following:

English	Family Studies
Geography	Healthy Active Living Education
History	Information Technology
Mathematics	Science
Visual Arts	
Technology Studies	