The Sycamore School

Prerequisite: None.

Grade 9 Course Offerings



CREDITS	COURSE DESCRIPTION
ENGLISH 1 of 4 Compulsory Credits Required for Graduation	English - De-streamed - ENG1W This course enables students to continue to develop and consolidate the foundational knowledge and skills that they need for reading, writing, and oral and visual communication. Throughout the course, students will continue to enhance their media literacy and critical literacy skills, and to develop and apply transferable skills, including digital literacy. Students will also make connections to their lived experiences and to society and increase their understanding of the importance of language and literacy across the curriculum. Prerequisite: None
MATHEMATICS 1 of 3 Compulsory Credits Required for Graduation	Mathematics 9 - De-Streamed - MTH1W 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. Prerequisite: None
SCIENCE 1 of 2 Compulsory Credits Required for Graduation	Science - De-streamed - SNC1W This course enables students to develop their understanding of concepts related to biology, chemistry, physics, and Earth and space science, and to relate science to technology, society, and the environment. Throughout the course, students will develop and refine their STEM skills as they use scientific research, scientific experimentation, and engineering design processes to investigate concepts and apply their knowledge in situations that are relevant to their lives and communities. Students will continue to develop transferable skills as they become scientifically literate global citizens. Prerequisite: None
GEOGRAPHY CANADA WORLD STUDIES I of 2 Compulsory Credits Required for Graduation	Issues in Canadian Geography - De-streamed - SNC1W This course builds on learning in Grades 7 and 8 in geography. Students will explore relationships within and between Canada's natural and human systems and how they interconnect with other parts of the world. Students will also examine environmental and economic issues, and their impact related to topics such as natural resources and industries, careers, land use and responsible development, and sustainability. In addition, students will understand the connections that diverse communities and individuals have with the physical environment and each other throughout Canada, including First Nations, Métis, and Inuit perspectives. Students will apply geographic thinking, use the geographic inquiry process, and use geospatial technologies throughout their investigations. Prerequisite: None
FRENCH AS A SECOND LANGUAGE 1 Compulsory Credit Required for Graduation	Core French - Open - FSF10 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 skills in listening, speaking, reading, and writing through discussing issues and situations 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 for lifelong language learning.

□ Visual Arts - Open - AVI10 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. THE ARTS Prerequisite: None \square OR 1 Compulsory Credit Required for Graduation ☐ Integrated Arts - Open - ALC10 This course integrates two or more of the arts (dance, drama, media arts, music, and visual arts), giving students the opportunity to produce and present integrated art works created individually or collaboratively. Students will demonstrate innovation as they learn and apply concepts, styles, and conventions unique to the various arts and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges. Prerequisite: None Healthy Active Living Individual and Small-Group Activities - Open - PAF10 Health & This course equips students with the knowledge and skills they need to make healthy choices now and **Physical** lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that Education provide a foundation for active living. Students also acquire an understanding of the factors and skills \square that contribute to healthy development and learn how their own well-being is affected by, and affects, 1 Compulsory Credit Required for the world around them. Students build their sense of self, learn to interact positively with others, and Graduation develop their ability to think critically and creatively. Prerequisite: None **GRADE 9 ELECTIVE COURSES** ☐ Technology and the Skilled Trades - Open – TAS10 This hands-on course enables students to further explore the engineering design process and develop other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and technologies from various **Technological** industries. As students develop their projects to address real-life problems, they will apply technological Education concepts such as precision measurement, as well as health and safety standards. Students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers. Prerequisite: None ■ Building the Entrepreneurial Mindset – Open - BEM10 Building the Entrepreneurial Mindset BEM10 In this course, students will learn what makes an entrepreneur thrive and the skills required to succeed in today's business environment. Students will begin to develop their own entrepreneurial mindset, and **BUSINESS** learn why it's important to take initiative, adapt to change, find creative solutions, and understand the financial considerations of entrepreneurship. This hands-on course will use business software and **STUDIES** applications to help students plan and develop their entrepreneurial ideas and learn how to present them to a target audience. Throughout the course, students will enhance their communications skills as well as develop and refine their project management skills, including goal setting, time management, and networking. Prerequisite: None

GUIDANCE & **CAREER EDUCATION**

■ Learning Strategies 1 – Open - GLS10 GLE10

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.

Prerequisite: For GLS10 - None

*For GLE10- Recommendation of principal

FIRST NATIONS, MÉTIS & INUIT STUDIES

☐ Expressions of FNMI Cultures – Open - NAC10

This course explores various arts disciplines (dance, drama, installation and performance art, media arts, music, storytelling, utilitarian or functional art, visual arts), giving students the opportunity to create, present, and analyse art works, including integrated art works/ productions, that explore or reflect First Nations, Métis, and Inuit perspectives and cultures. Students will examine the interconnected relationships between art forms and individual and cultural identities, histories, values, protocols, and ways of knowing and being. They will demonstrate innovation as they learn and apply art-related concepts, methods, and conventions, and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to creative arts challenges.

Prerequisite: None

SOCIAL SCIENCES & HUMANITIES

Exploring Family Studies – Open - HIF10

This course explores, within the context of families, some of the fundamental challenges people face: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about the diverse ways in which families function in Canada and will use research skills as they explore topics related to individual and family needs and resources.

Prerequisite: None

☐ Food & Nutrition – Open - HFN1O/2O

This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food-marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food-preparation skills and introduces them to the use of social science research methods in the area of food and nutrition.

Prerequisite: None