

FOUNTAIN ACADEMY

of the S A C R E D H E A R T

Junior High (Grades 7-9)

Academic Guide 2025-2026

One of the top independent schools in Atlantic Canada, Sacred Heart School of Halifax teaches the whole child - mind, body, spirit. Our iconic campus in the heart of Halifax offers a diamond model of education — co-ed education for JP-Grade 6 and Grades 10-12 and single-gender education for Grades 7-9. With a global network of schools around the world, a rich and proud history, and a strong and unique set of core values, we offer not just an education but an experience that is unparalleled in this region. Our academic reputation is stellar, and our CAIS (Canadian Accredited Independent Schools) accreditation is a guarantee of excellence for both parents and students.

The goals of the school are to educate to:



A personal and active faith in God



A deep respect for intellectual values



A social awareness which impels to action



The building of community as a Christian value



Personal growth in an atmosphere of wise freedom

Dear Parents and Students,

Welcome to Sacred Heart School of Halifax, one of the top independent schools in the region. Here, we offer an unparalleled education — one that is tailored to our students by gender, aptitude, interest, and dream. We also offer an experience no other school can match. As part of a network of Sacred Heart schools around the world, we offer meaningful traditions and global opportunities. We also believe in faith, hope, and love as guiding principles in the spiritual development of students. That solid moral grounding, informed by our Five Goals, means we inspire our students to be the best for the world, not just the best in the world.

Sacred Heart School of Halifax meets and exceeds all provincial Department of Education requirements and standards. And because we know that education is inherently relational, we invest in small classes with dedicated teachers and emotionally positive and academically motivated peer groups. In Grades 7-9, students build a foundation for success by developing good study habits, solid organizational skills, and a genuine love of learning as they begin to understand

To round out the academic experience, we offer a robust co-curricular program that includes educational travel, athletics, artistic development, student leadership, robotics, technology, debating, and social action. We also offer unique programming like Core, which provides students with information and opportunities for discussion to help them make informed decisions. These topics include everything from understanding the world around us to navigating the world inside the school. All of these opportunities are designed to prepare each student for the next phase of their educational journey and beyond.

We are accredited by the Canadian Accredited Independent Schools (CAIS), one of only three Halifax schools to earn this distinction. It's your guarantee of excellence — it means we offer the best in education, leadership, management, and governance.

Our Academic Guides open our program to you. Step through and explore why we are at the HEART of something special.

Kind regards,

Dennis Phillips, Head of School
Mary Ellen Ryan, Principal - Grades JP-6
Dr. Wallace MacAskill, Principal - Grades 7-12



Table of Contents:

Welcome.....	1
Our Program of Studies.....	4
Junior High School.....	4
Grade 7.....	4
Grade 8.....	4
Course Descriptions.....	5
Arts - Fine and Performing.....	5
Grade 7 - Art.....	5
Grade 8 - Art.....	5
Grade 9 - Art.....	5
Band.....	5
Core (Human Development).....	6
English.....	6
Grade 7.....	6
Grade 8.....	6
Grade 9.....	7
English As An Additional Language.....	7
EAL 7- 9 :.....	7
French	8
French 7.....	8
French 7 Advanced:.....	8
French 8.....	8
French 8 Advanced:.....	9
Mathematics.....	10
Grade 7.....	10
Grade 8.....	10
Grade 9.....	10
Grade 9 (Advanced).....	10
Music.....	11
Grade 7 - Music.....	11
Grade 8 - Music.....	11
Grade 9 - Music.....	11
Physical Education.....	11
Grades 7, 8 and 9.....	11



Religious Studies.....	12
Grade 7.....	12
Grade 8.....	12
Grade 9.....	12
Science.....	13
Grade 7.....	13
Grade 8.....	13
Grade 9.....	13
Social Studies	14
Grade 7 Social Studies.....	14
Grade 8 Social Studies.....	14
Grade 9 Social Studies.....	14
Technology.....	15
Technology 7.....	15
Technology 8.....	15
Technology 9.....	15



Our Program of Studies

Junior High School

Grade 7	Grade 8
Religious Studies	Religious Studies
English	English
French	French
Mathematics	Mathematics
Science	Science
Social Studies	Social Studies
Art	Art
Core (Human Development)	Core (Human Development)
Music	Music
Physical Education	Physical Education
Technology	Technology

Grade 9	
Religious Studies	Social Studies
English	Art/Drama
French	Music
Mathematics 9 Adv/9	Physical Education
Science	Core (Human Development)
Technology	

For promotion to the next grade/graduation, an overall average of 60% with no mark below 50% is required in all academic subjects.



Course Descriptions

Arts - Fine and Performing

Grade 7 - Art

The major emphasis of the Grade 7 Art course is on the introduction of basic skills in drawing, painting, and the manipulation of various kinds of art materials with a focus on texture, shape, and design. The students will develop artistic skills, creative thinking, and problem-solving through the creation and production of their original studio work. The Visual Art units run in a four-week cycle and are focused on specific art styles, artistic periods and individual artists (past and present).

Grade 8 - Art

The emphasis of the Grade 8 art program is on further developing the basic skills in drawing, painting and the manipulation of art materials with a focus on a more individual, subjective interpretation. The students will develop artistic skills, creative thinking, and problem-solving through the creation and production of their original studio work. The Visual Art units run in a four-week cycle and are focused on specific art styles, artistic periods and individual artists (past and present).

Grade 9 - Art

The emphasis of the Grade 9 art program is on a further exploration of techniques and materials previously introduced and developing confidence and skill in their studio pieces. The Visual Art units run in a four-week cycle and are focused on specific art styles, artistic periods and individual artists (past and present).

Students may also participate in the Performing Arts Club (PAC).

Band

Band at Sacred Heart School of Halifax may be taken as an optional credit course for students in Grades 10–12 who meet the following prerequisites: completion of Grade 6–9 Band at Sacred Heart School or the equivalent at another school or through private instruction. Students must be enrolled in the Senior Band program of two regular Band instruction classes per week along with one additional regularly-scheduled Sacred Heart performance class for a total of three performance classes each week. While students are encouraged to participate in private lessons or other All-City or community music ensembles outside of school, the additional performance class must be selected from the following list:

- SHSH Jazz Ensemble
- SHSH Senior Choir
- SHSH Liturgy Choir



Core (Human Development)

Grades 7 & 8: The aim of this program is to build positive self-identity and help students develop effective communication and interpersonal skills that enable them to manage and enhance their health, relationships, and interactions with the world. Topics of study can include: 1) Organization, Study Skills, and Test Taking Strategies, 2) Media Literacy, Digital Citizenship, and Social Media, 3) Anti-Bullying and Community Building, 4) Positive Personal Development, 5) Relationships, 6) Communication, 7) Substances, 8) Decision Making, 9) Stress, 10) Sexual Health, and 11) Nutrition. Our study of each topic can include class discussion, worksheets, videos, and guest speakers. The order is flexible so that immediate issues can be addressed.

Grade 9: In Grade 9, students continue to participate in discussions and awareness-raising activities about their own development. In addition, the Grade 9 Program engages students in a discovery of interests and a career information process. Topics for this course include: organization, social etiquette, dating, personal grooming, resume and interview processes, exam preparation, social media and internet, financial management, drugs and alcohol, useful knots, and issues around mental health.

English

Students in grades 7 through 12 will develop their reading, writing, listening, speaking, researching, and creative thinking skills. They will read and creatively interpret drama, and they will write essays, short stories, and poetry. Each grade level engages with at least one classical text, often Shakespeare. Film studies are incorporated to enhance reading experiences. Beyond the assigned curriculum, students will also be expected to read independently. Students are encouraged to make independent reading selections and to read widely.

The English Program provides opportunities for students to explore and to appropriately use technological resources and interact with a variety of media. When possible, students will have the opportunity to experience professional theatre by attending local productions. Guest speakers/writers will be invited to read/share their knowledge, experience, or work. When possible, writing workshops given by authors/writers are made available to interested students.

Evaluation and assessment are on-going and include oral, visual, and creative components, as well as traditional expository writing assignments.

Grade 7:

In the grade 7 English course, students will study and respond to a variety of texts including poetry, novels, and a Shakespeare play, among others. Students will begin interpreting and analyzing what they read. They will be encouraged to examine how themes in literature might relate to real life. Students will work on how to develop ideas in paragraphs and essays, and they will have a chance to develop their imaginations through a number of creative writing activities. Students will be encouraged to develop their confidence in both formal and informal oral presentations.

Grade 8:

In grade 8 English, students will continue to develop their skills in listening, reading, writing, research, and study. Students will be encouraged to communicate effectively in both oral and written work and



will have opportunities to work independently as well as within group settings. Students will be given many avenues for their expression and will write in a variety of styles. They will read and interpret stories, novels, poetry, and plays. They will study grammar and vocabulary to enhance their oral and written expression.

Grade 9:

Grade 9 English students will study modern and classical literature, including a novel, short stories, and a film. They will learn to read closely and move beyond a literal interpretation to see how an author uses symbols and metaphors to express important ideas. Students will be introduced to literary lenses through which they will determine meaning within a variety of texts. Students will be encouraged to place themselves into the minds of their characters when reading aloud in class or doing dramatic presentations based on literature. Students will continue to work on developing their essay-writing skills, with a focus on finding specific evidence from the text to support a thesis.

English As An Additional Language

The EAL Program is for students from primary to grade 12 who are learning English as a second or additional language. The EAL Program allows students to focus on curriculum content, language skills, and learning strategies. Following a language assessment, students work closely with a certified EAL teacher and are given the EAL support they require to work toward academic success. Students will attend small group EAL classes. The main goal of the EAL Program is to help students develop their English language and academic skills and to feel comfortable in the Sacred Heart School learning environment.

Admission to EAL classes requires a language assessment.

EAL 7-9:

In EAL 7-9, students develop their listening, speaking, reading and writing skills through course content, as well as through EAL materials. Students are introduced to a variety of language learning strategies to improve their reading and listening comprehension, writing, vocabulary acquisition, and grammatical accuracy. Students practice and receive support with a variety of academic tasks; for example, doing research, writing essays, stories and poems, creating and delivering presentations, and preparing for tests and exams. An important element of EAL classes is addressing the specific needs of individual students.



French

The French Program is designed to provide a balanced Program based on the CEFR (European standards) and the Nova Scotia curriculum. We embrace the five skills of listening, speaking, interacting, reading, and writing while being introduced to Francophone culture. At each level, new structures and vocabulary are introduced, while those previously learned are reviewed and consolidated. As new structures and vocabulary are learned, students are encouraged to use them in a variety of ways, such as oral presentations, compositions, skits, and projects. Authentic French sources, such as websites, songs, magazines, videos, movies and situations are used throughout the Program as further enrichment.

All classes are conducted entirely in French, and students are expected to participate to the best of their ability and to speak only in French in class.

French 7:

This class is designed for emerging learners of French. The goal of the class is to develop language abilities (reading, writing, listening, speaking, and interacting) with a particular focus on developing oral communication skills while also creating a strong foundation in the language. The first term is spent reviewing fundamental concepts in French (the verbs être and avoir, numbers, expressing likes/dislikes, etc.) There is some instruction in English, and the goal by the end of the year is to have instruction and interactions take place entirely in French. The goal of this class is for students to develop the ability to express their preferences, formulate questions, and state basic opinions. Students will also be exposed to French culture through song, readings, listening comprehension and videos.

French 7 Advanced:

This course is designed for students who have previously studied French in intensive or immersion programs. They are typically placed after consultations with previous teachers, conversations with the student, and taking into consideration the level of French the student studied in elementary school. Students are expected to speak French exclusively in class and be able to read a variety of materials at their reading level. The first part of the course is designed to ensure every student is working with similar foundational skills. From there, students will continue to develop their linguistic skills. Students will be expected to further their abilities in reading, writing, speaking, and listening. Topics studied are chosen according to the interests of the class and to help them explore different facets of Francophonie. Through these topics, we explore culture, vocabulary, grammar and syntax. Students will be provided with opportunities to analyze and comprehend a variety of texts and media. Various audio-visual programs provide contextualized practice in listening and speaking skills.

French 8:

This course is a continuation of French 7. There is a constant review of previously learned structures from previous years, including a weekly vocabulary assignment. Students are exposed to the language through various topics chosen to meet their needs and interests. Through these topics, we study the many facets of the language. Students are expected to speak French in class, as well as develop their speaking, writing, listening, and reading skills through exposure to many different sources of media and texts. Students learn through a variety of activities and experiences in the classroom, and learn useful skills such as ordering in a restaurant, shopping for food in a French



location, talking about the weather and understanding a weather forecast, suggesting activities and locations, and looking for places to stay in French locations.

French 8 Advanced:

The Grade 8 French course continues to build on the skills learned in Grade 7. Themes studied in Grade 8 are designed around the interests of students and include: food, exploration, transportation, and technology. Authentic sources (francophone magazines, websites, music, movies, and books) are used as the base for all in-class activities. Students develop their French communication skills by participating in class discussions and activities and completing writing, reading, and listening activities. There is a continued focus in Grade 8 on developing oral communication skills, and class instruction and interactions are entirely in French.

Grade 9: The Grade 9 French course builds on skills learned in our French 7 and 8 programs. A wealth of new vocabulary and structures is introduced, and activities such as oral presentations, discussions, and projects are used to encourage students to use their skills in as natural a way as possible. These include explaining and describing events in the present, past and future; speaking in the hypothetical, and making polite requests using the conditional. Students are introduced to a variety of authentic French materials such as French books, music, websites and SRC radio reports, in order to contextualize their learning. Activities and projects are designed to be engaging and meaningful to students while encouraging them to push themselves and take risks with the language. The main grammar text is À la Une 3. In addition to individual reading according to their ability, students will read a selection of abridged novels, articles and short stories.

French 9 Advanced: The Grade 9 French course builds on skills learned in previous years. A wealth of new vocabulary and structures is introduced, and activities such as oral presentations, discussions, and projects are used to stimulate students to use their skills in as natural a way as possible. Students are introduced to a variety of authentic French materials such as French books, magazines, websites, radio programs, music and movies in order to contextualize their learning. Activities and projects are designed to be engaging and meaningful to students while encouraging them to push themselves and take risks with the language.



Mathematics

The aim of this program is to make mathematics both engaging and intellectually rewarding, while providing students with the foundational skills necessary for success in future academic endeavors that require a strong mathematical understanding. The courses are carefully structured to align with the Nova Scotia Department of Education's Program of Studies, with additional content designed to deepen and enhance student learning. In the advanced stream, students will delve into more challenging topics to further prepare them for university-level mathematics, and they will have the opportunity to take the AP Pre-Calculus and AP Calculus exams.

Grade 7

This course provides a holistic view of mathematics, one that integrates the content of mathematics, the processes of mathematical thinking, and the self-concept of the student. Content includes the study of relations, divisibility, exponents, integers, and an introduction to decimals, fractions and percentages. Thinking, understanding, and problem-solving are stressed. Group learning, verbalizing, writing, and sharing are important aspects of this class. Special emphasis is placed on the development of mathematics as a language used in searching for patterns.

Grade 8

In the grade 8 Mathematics course, the emphasis is on problem solving and making connections to the world outside the classroom. Topics include perfect squares and square roots, a continuation (from Grade 7) of the study of percents, decimals and fractions, ratios, rates and proportional reasoning, operations with integers, fractions and mixed numbers, order of operations, linear relations, relationships between the sides in right triangles, nets for 3-D objects, surface area and volume of prisms and cylinders, and evaluating ways of representing data. Throughout the course there is an emphasis on the importance of developing mathematical skills to be used in other subject areas. A final average of 85% is needed in grade 8 math, as well as the recommendation of the grade 8 math teacher, to enroll in the grade 9 advanced math course.

Grade 9

This course focuses on building a strong foundation in core mathematical concepts. The course involves an in-depth number sense unit, including integers, rationals, exponents, square roots, and order of operations as well as units covering measurement (including volume and surface area), geometry, solving algebraic equations and inequalities, graphing linear equations, operations on polynomials, and statistical analysis of a data set. Problem solving is an integral part of each of the topics studied. Students will need a scientific calculator for this course.

Grade 9 (Advanced)

This is an accelerated grade nine math course, emphasizing problem solving and mental math. Topics include: classifying and operations with real numbers, measurement, exponents and roots, operations with polynomials, algebra involving linear equations and inequalities, linear (and select non-linear) relations, geometry, introduction to matrices, probability and data management. Students will need a scientific calculator for this course. A final average of 85% is needed in Grade 8 Math, as well as the recommendation of the Grade 8 Math teacher, to enroll in this course.



Music

Grade 7 - Music

There are four main components of Grade 7 Music: theory, appreciation, composition and performance. Theory topics include rhythmic notation and the notes on the treble and bass clefs. Music appreciation includes listening and history activities where students learn about a variety of classical, folk, and popular music. The performance aspect of the class focuses on developing our singing and bucket drumming skills, focusing on the group aspect of performing together. We will explore the process of composing using a variety of platforms, including SoundTrap, BandLab and Flat IO.

Grade 8 - Music

Guitar Skills are introduced this year and, alongside singing, provide the main focus for the performance aspect of music class. Theory study will go further into music rudiments and terminology using teacher-led study, handouts, and time in the computer lab with Breezin' Thru Theory. Concepts covered will include whole and half steps, accidentals, time signatures, intervals, and both rhythmic and melodic dictation, again in both written and aural forms. Composing this year will be related to the following topics: Reggae, Video Game music, and Minimalism.

Grade 9 - Music

In Grade 9, students continue to develop their guitar and singing skills with an increase in difficulty of repertoire and technique. Music Theory is further studied using the Breezin' Thru Theory program, with concepts covered including music terms and symbols, scales, triads, arpeggios, chromaticism, improvisation, and musical texture. Composing this year will be related to the following topics: Ground Bass, Film music, and songwriting.

Physical Education

Grades 7, 8 and 9

Junior High Physical Education classes are structured and focus on instruction so that students can develop skills and transfer these skills into game play. Students will have the opportunity to take part in PE approximately four times per week. The emphasis of the Physical Education Program in Junior High is on developing skills and a positive attitude towards physical activity as a lifelong endeavour. Personal fitness and testing are another component of the curriculum.



Religious Studies

The goal of the Religious Studies Program is to help students understand that they have a spiritual side to their being. Acknowledging our historical roots as a Catholic school as well as the religious diversity within our current faculty and student body, the program is meant to awaken the spiritual life, either within or without a specific religious framework. Through the years of study, students will develop their mindfulness and meditative practices and will see the fundamental beliefs and practices of many world religions. As a Catholic School, we attend key liturgies at Saint Mary's Cathedral Basilica, and attendance from the school community is expected.

Grade 7

Religious Studies 7 serves as an introduction to the New Testament. We focus on storytelling, reading skills, active listening, and extracting multiple levels of truth from text. In addition to reading the Bible, we will explore the narratives through the stained glass windows in the School and through film. Key interpretative lenses will be the literal and metaphorical, the concrete and abstract, and the mythological and archetypal. We will investigate metaphysical dualisms, including good and bad, good and evil, weak and strong, heaven and hell, order and chaos, masculine and feminine, fire and water, and earth and air. In addition to these religious topics, a significant amount of time is devoted to mindfulness and meditative activities.

Grade 8

This course is a natural follow-up to Religious Studies 7. We read the Book of Revelation, followed by Genesis, to understand the metaphysical bookends of God's universe in the Judeo-Christian faith. In Genesis, we will thoroughly dissect the nature of the covenant and the purpose of sacrifice. In addition to these religious topics, a significant amount of time is devoted to mindfulness and meditative activities.

Grade 9

The purpose of this course is to give students from diverse religious backgrounds an understanding of the basics of the Catholic faith, with a common vocabulary and unified vision of the whole of the Catholic Church. An emphasis is put on the Liturgical Calendar and developing an understanding of traditions and celebrations around this. This course also has students exploring their purpose as members of their communities through the process of writing a personal mission statement. Students are also exposed to ways of understanding self-development, including the archetypal hero myth, and position their own human life in the vastness of the cosmos.



Science

The goals of the Junior and Senior High Programs have been organized around four clusters:

1. Scientific attitudes - for the students to develop positive attitudes towards science, respect for the environment, and a commitment to the wise use of resources; an understanding of the nature of science as a human endeavour, and an appreciation of scientific knowledge and processes in a technological society.
2. Skills and processes - for the students to develop an understanding of and the ability to use the scientific process skills of observing, classifying, measuring, using numbers, communicating, inferring, predicting, identifying and controlling variables, and interpreting data; skills which include questioning, working in groups, and sharing and establishing effective study processes.
3. Thinking ability - for the students to develop a facility in problem-solving through science using creative, rational, and critical thinking approaches, and inquisitive-thinking strategies using questioning skills.
4. Scientific knowledge - for the students to develop the basic knowledge required to understand the concepts needed in a scientific and technological world and to develop an awareness of the career possibilities in the fields of science and technology.

Grade 7

The Grade 7 Science course provides a science inquiry and a technological problem-solving emphasis. Skill areas developed are: careful observation, questioning, proposing ideas, hypothesizing, making inferences, designing experiments; gathering, processing and interpreting data; evaluating, explaining and communicating results. These skills are enhanced through the topics: interactions within ecosystems, evolution, earth's processes, pure substances and mixtures, heat, and structures and stability.

Grade 8

Emphasis is placed on laboratory activities and the development and refinement of analytical skills. The Biology unit includes studies on cell structure, the organism as a set of interrelated systems, and energy relations among organisms and the environment. In Physics, types of electromagnetic radiation, properties of light, optics and eye structure, viscosity of fluids, and the relationships between mass, volume and displacement are examined. In a unit focusing on the environment, we look at ocean currents, methods of mapping the ocean floor, various marine species, and the impact of global warming.

Grade 9

This course introduces topics that fall into the fields of biology, chemistry and physics, so that students will have background in each of the disciplines before selecting a science credit in high school. The biology unit deals with reproduction in terms of cell division, reproductive systems, genetics, and human development. The introductory chemistry topics include: matter, atoms, and the periodic table. The physics topics look at both static and current electricity, and circuitry. Students continue to apply their knowledge and skills in science through various laboratory activities.



Social Studies

The Social Studies Program throughout Junior and Senior High is global in nature and educates to a sense of social justice. Its aim is to make students aware of their world: its geography, history, economy, and sociological structures. Students are taught to locate and organize information, communicate orally and in writing, and develop critical thinking and discussion skills.

Grade 7 Social Studies

- **History:** Grade 7 explores the concept of "Big History", that our world today is the result of 13.7 billion years of connected events. Students learn about the eight key "threshold moments" when the development of the universe took an unexpected but crucial turn in getting us to where we are today. Aside from the evolution of the universe, special attention will be paid to the development of life on Earth and early humans. Students will use a wide range of sources in their investigations and thus develop research and evidence-gathering skills.
- **Geography:** The purpose of this course is to help students better understand their physical surroundings. Within the framework of the five themes of geography, students learn about physical patterns, environment, and resources. Historical and contemporary case studies, Canadian-based whenever possible, are key elements of this course. Geography-skill-building is emphasized with a particular focus on mapping skills.

Grade 8 Social Studies

- **History:** This course gives an overview of the development of human civilization, from the evolution of Homo sapiens to the fall of the Western Roman Empire. Students examine the civilizations of the ancient Egyptians, Mesopotamians, Israelites, Greeks, and Romans. The role of geography in the shaping of the culture of these areas is emphasized. Students come to a greater understanding of the past and its relevance to today's world.
- **Geography:** This course aims to introduce students to elements of Human Geography. Major themes include population patterns, urban development, economics, migration, and culture. The relationship between Human Geography and our World History is stressed. Contemporary case studies are also examined. Geography skills are built, and students become more familiar with the world map.

Grade 9 Social Studies

This course emphasizes the connectedness of historical events to our current world. Students examine the civilizations of pre-colonial Central and South America and Africa, with a focus on understanding how exploration in the 1500s impacted various cultures and led to what we see in the modern world. The history of Japan and Europe is also in focus as examples of enduring patterns in socio-cultural development. The role of geography in shaping human history and the culture of these areas is emphasized. Students come to a greater understanding of the past and its contribution to their lives today. Current events are discussed for their immediate relevance and historical links so that students can understand the changes that are taking place in our world today.



Technology

The junior high technology program aims to provide students with a comprehensive understanding of technology through both practical skills and conceptual exploration. Throughout the program, students will become proficient in using essential tools like GSuite applications (e.g., Gmail, Docs, Slides, Sheets), improve their keyboarding skills, and learn to navigate various technological systems. They will develop key competencies in organization, communication, collaboration, and problem-solving, all while fostering creativity and innovation through various platforms.

The program emphasizes the importance of responsible digital citizenship and explores the history and evolution of technology, its societal and cultural impacts, and the consequences of technological choices. Students will enhance their research skills, learn to design and evaluate technological solutions, and engage in hands-on activities like programming, web building, graphic design, and sound/video editing.

In addition to these core elements, the program will also emphasize soft skills development such as collaboration, leadership, and communication, with more group projects, peer feedback, and opportunities to present their work. Students will also begin exploring emerging technologies such as AI, blockchain, IoT, and cybersecurity through hands-on projects, ensuring they stay informed about the latest trends and innovations.

By the end of the program, students will have a solid foundation in technological literacy, problem-solving, and critical thinking.

Technology 7

The aim of this course is for students to develop proficiency in using GSuite applications (e.g., Gmail, Docs, Slides, Sheets) and to build foundational skills in organization, communication, collaboration, and problem-solving through technology. Students will also improve keyboarding skills, foster responsible digital citizenship, and explore tools for creativity and innovation.

Technology 8

This course builds on skills learned in Technology 7. Students will deepen their research skills, learn to operate technological systems, and explore how technology shapes future career opportunities. The course continues to develop proficiency in GSuite applications and keyboarding while reinforcing key concepts in responsible digital citizenship. Students will continue to gain hands-on experience in the Innovation Lab to enhance their work on tech-related projects.

Technology 9

The aim of this course is to explore technology's role in a global context, from both a societal and technological perspective. Students will build their technological literacy through hands-on activities, problem-solving, and troubleshooting in a variety of contexts. Emphasis is placed on control technology (e.g., robotics, automation) and media technology (e.g., web design, sound and graphic design). Areas of study include technological literacy, digital citizenship, the history and future trends of technology, technological responsibility, coding, programming, and career exploration in tech.

