



JUNIOR - GRADE 8 CATALOGUE

Table of Contents

	Page #
Graduation Requirements	1
Required Courses	1-3
Humanities	2
Languages	2
Physical & Health Education	2
Science	3
Math	3

	Page #
Rotation Courses	4
Fine Arts	4
Information Technology	4
Performing Arts	5-6

GRADE 8 COURSE SELECTION

HUMANITIES 08: (XHU 08)

The Humanities 8 program offers students a cross curricular approach to the delivery of English and Social Studies (600 CE - 1750 CE). The focus is on deepening students understanding of the world around them by studying societies and worldviews of the past and comparing them to the world we know today. Students engage in a variety of different activities: academic and creative, individual and cooperative, and serious and fun. Humanities approaches literacy through mediums such as stories, novels, films, poetry, photography, primary/secondary sources, and a composition of written work from both English and Social Studies disciplines. English and Social Studies education are both approached through the development of critical thinking and literacy skills. Communication skills, both structured and informal, will be developed to suit the purpose, learning and context. At the grade eight level, there will be emphasis on paragraph writing development and an introduction to multi-paragraph composition.

FRENCH 08 (MFR-08)

Bienvenue à Français 8 & 9! Have you ever wanted to speak French better for the travel experiences within Canada and the world? Do you want to taste, hear, and see Francophone cultural experiences? French 9 focuses on the four pillars of listening, speaking, reading, and writing as we explore topics such as our passions, goals, holidays, and travel. Students learn the foundations of French while improving their ability to speak the language with increasing spontaneity.

PHYSICAL AND HEALTH EDUCATION (MPHE 08)

The goal of our physical education program is to instill an appreciation for an active, healthy lifestyle. The program will provide students with the opportunity to fulfill the following objectives:

- To participate and enjoy a variety of performance, fitness, and leisure-oriented activities
- To develop positive attitudes towards active living
- To acquire the skills and knowledge necessary to develop an active and healthy lifestyle
- To demonstrate appropriate social behaviour, etiquette, fair play and leadership skills related to physical activity, personal, and social responsibility.

SCIENCE 08 (MMA 08)

Science 8 is the beginning of the Junior Science program. The big ideas to be developed in this course include:

- Life processes are performed at the cellular level (Biology).
- The behavior of matter can be explained by the kinetic molecular theory and atomic theory (Chemistry).
- Energy can be transferred as both a particle and a wave (Physics).
- The theory of plate tectonics is the unifying theory that explains Earth's geological processes (Earth Science).

The big ideas will be taught with an emphasis on lab, inquiry, critical thinking and creativity skills.

MATHEMATICS 08 (MMA 08)

The Mathematics 8 course continues to expose students to introductory algebra, statistics and rudiments of 3-D geometry. This course is a foundational course for high school mathematics. Students will need to adapt to the increase requirements of a high school mathematics course. Work habits, use of class time and study skills are as important for students' success in math 8 as mathematical ability. Students are expected to complete individual mathematics practice everyday they are enrolled in this course.

The intended topics of this course are:

- Pythagorean Theorem.
- Squares, cubes, square roots, and cube roots.
- Operations with fractions, percents and ratios
- Manipulation of algebraic expressions/polynomials.
- Linear relations and equations.
- Surface area and volume of selected 3-D objects.
- Central tendency measurement.
- Elements of probability.

ROTATIONS COURSES - GRADE 8

ROTATION 1 08

Life Skills is a survey course of Home Economics and Technology Education courses. Students spend part of one semester in each of these subjects. All students take this course in grade 8.

ROTATION 2 08 (XHL 08, MADDL08, MMU 08, MDR 08)

Life Skills is a survey course of Music, Drama, Career Education and Information Technology. Students spend part of one semester in each of these subjects.

FINE ARTS COURSES

VISUAL ARTS 08 (MAE 08)

Visual Arts 8 is an introductory level full year course in the Fine Arts Intermediate program that encourages student's curiosity, interest, and enjoyment in their own creativity and that of others. Students learn to respond to, create, and communicate themes and issues through experimenting with a broad range of art media, including drawing, painting, printmaking, ceramics & sculpture and possibly photography. In addition, students will work in their sketchbook on a weekly basis, documenting, reflecting, and sharing their personal discoveries. No prerequisite is required. Concepts and skills taught in this course establish a foundation for future careers in graphic design, industrial design, interior design, animation, movie industry, photography, and architecture, etc.

IT 8 (MADDL08)

IT 8 is all about understanding the fundamentals of accessing and using technology to be successful in both high school and beyond. As a part of it, students will explore the tools that are provided to them as members of the Sullivan Heights community, including Microsoft Office, Teams and other apps found in the Microsoft 365 suite. Students will also explore elements found in our senior classes, and be introduced to coding, graphic design, robotics, videography and 3D modeling. Digital literacy will also be a major focus of this class, aiding our students in accessing technology in a safe and responsible way.

PERFORMING ARTS COURSES**CHOIR 08 (MMU—09CC)**

A fun way to learn more than just vocal technique. This performing group will explore a wide variety of musical styles and repertoire, and will focus on developing sight singing and ear training skills. Discover ways to extend your vocal range, create breath energy, formulate and place vowels correctly, and perform with confidence in a choral setting. No previous singing experience is required. Participation in music department activities is expected. (Please note that Choir is an X block)

CONCERT BAND 08: BEGINNER (MMU 08 BEG)

Beginning Band 8 is for all students who wish to learn how to play an instrument and have not played an instrument before. Students will learn rhythm, music notation and music reading while having the opportunity to play fun music, and perform in concerts and festivals. Band students will have the opportunity to go on trips.

CONCERT BAND INTERMEDIATE 08 (MMU 08 INT)

This course is designed for students who have taken band in grade 7, or who have previous musical experience. Students will get to play more complex and exciting music in a supportive and fun atmosphere. Students will have the opportunity to perform in festivals and concerts. Band students will have the opportunity to go on trips.

DANCE 08: BEGINNER (MDNC 08 BEG)

This course is for beginner to more accelerated dancers and offers a foundation in dance skills, technique and performance and also acts as an introduction to the Sullivan Dance program. Students will build skills and confidence in a variety of dance genres, including Jazz, Hip Hop and Contemporary and work towards creating choreography for stage. Students will have multiple performance opportunities and no previous dance experience is required.

DANCE 08: INTERMEDIATE (MDNC 08 INT)

This course is for students with four or more years of recent dance in any given genre, either in school or at a studio. Students should have a strong technical/foundational knowledge of street or classical styles. Students will have opportunities to study many genres including Jazz, Hip Hop and Contemporary. Students will increase their dance technique and vocabularies through the regular viewing and critiquing of live and recorded performances and through the creation of choreography for stage. Students will advance at individual levels and will be encouraged to challenge themselves as dancers and choreographers. There will be multiple workshop and performance opportunities. Please note: this is a course with limited enrollment. All course requests will be reviewed by the department in conjunction with administration. **Students must be recommended or receive permission to enroll in this course. Students who have not previously taken a dance course at Sullivan should speak with Ms. Law directly prior to selecting this course.**

JAZZ BAND 08 (MMU 08 Y JAZ)

This course is an introduction to jazz. Students will develop their instrumental and theoretical skills through the lens of standard jazz band genres, including swing, funk, Latin, and rock. Improvisation will be encouraged. Standard jazz band instrumentation is as follows: alto, tenor, or baritone saxophone, trumpet, trombone, guitar, bass guitar, piano or drums. However, all instruments are welcome! Because jazz band learns and performs more challenging music, jazz students must be registered in concert band or have teacher permission. Jazz students will have the opportunity to play in concerts and festivals, and go on trips. (Please note that Jazz Band is an X block)



JUNIOR - GRADE 9 CATALOGUE

Table of Contents

	Page #
Graduation Requirements	7
Required Courses	8-9
Humanities	8
Mathematics	8
Science	8
Physical & Health Education	9

	Page #
Fine Arts	9
Home Economics	10
Information Technology	10
Languages	11
Performing Arts	12-14
Technology Education	14

GRADE 10 - 12 GRADUATION PROGRAM

To graduate, students will require 80 credits total, with a minimum of 16 at the grade 12 level, and 28 elective course credits.

52 credits are required from the following:

<input type="checkbox"/> Science 10 (4 credits)
<input type="checkbox"/> Social Studies 10 (4 credits)
<input type="checkbox"/> Career Life Education 10 (4 credits)
<input type="checkbox"/> Physical and Health Education 10 (4 credits)
<input type="checkbox"/> An English Language Arts 10 (4 credits)
<input type="checkbox"/> A Math 10 (4 credits)
<input type="checkbox"/> A Science 11 or 12 (4 credits)
<input type="checkbox"/> A Social Studies 11 or 12 (4 credits)
<input type="checkbox"/> Career Life Connections (4 credits)
<input type="checkbox"/> An English Language Arts 11 (4 credits)
<input type="checkbox"/> An English Language Arts 12 (4 credits)
<input type="checkbox"/> A Math 11 or 12 (4 credits)
<input type="checkbox"/> An Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits)

HUMANITIES 09: 1750 CE to 1919 CE (XHU 09-F-HUM)

The Humanities 9 program offers students a cross-curricular approach to the delivery of English and Social Studies (1750 CE - 1919 CE). The focus is on deepening students understanding of the world around them by studying societies and worldviews of the past and comparing them to the world we know today. Students engage in a variety of different activities: academic and creative, individual and cooperative, and serious and fun. Humanities approaches literacy through mediums such as stories, novels, plays, films, photography, poetry, primary/secondary sources, and a composition of written work from both English and Social Studies disciplines. English and Social Studies education are both approached through the development of critical thinking and literacy skills. Communication skills, both structured and informal, will be developed to suit the purpose, learning and context. At the grade nine level, there will be a strong emphasis on multi-paragraph composition.

MATHEMATICS 09 (MMA 09)

The Mathematics 9 course continues to expose students to introductory algebra, statistics, and rudiments of 3-D geometry. It also starts to introduce students to financial literacy and deepens the study of some of the concepts introduced in school mathematics. In the following year, students will have two different options in terms of what mathematics course they will enroll into. The selection of Grade 10 mathematics course will depend on the students' performance in this course. Students need to be aware of the fact that their effort in this course is more important for their success than their "mathematical talent". Students are expected to complete individual mathematics practice every day when they are enrolled in this course.

The intended topics of this course are:

- Polynomials
- Operations with fractions.
- Exponents' Laws.
- Linear relations and equations.
- Elements of Geometry.
- Elements of Statistics.
- Financial Literacy.

SCIENCE 9 (MSC 09)

Science 9 will build on the conceptual, laboratory, and critical thinking foundations which began in science 8. Scientific inquiry continues to provide the framework for asking questions, designing and carrying out experiments, making observations, and making sense of the natural world. The major themes investigated in Science 9 include DNA, sexual and asexual reproduction, periodic table, chemical compounds, circuits, electricity, matter cycles and the interconnectivity of the spheres of science. Students will use these concepts as a platform to investigate how to think scientifically, evaluate ideas critically, and investigate fairly.

PHYSICAL AND HEALTH EDUCATION 09 (MPHE 09)

The goal of our physical education program is to instill an appreciation for an active, healthy lifestyle. The program will provide students with the opportunity to fulfill the following objectives:

- To participate and enjoy a variety of performance, fitness, and leisure-oriented activities
- To develop positive attitudes towards active living
- To acquire the skills and knowledge necessary to develop an active and healthy lifestyle
- To demonstrate appropriate social behaviour, etiquette, fair play and leadership skills related to physical activity, personal, and social responsibility.

FINE ARTS COURSES

CERAMICS AND SCULPTURE 09 (MVA 09 CS)

Ceramics and Sculpture 9 is a 3D specialization in the Fine Arts Graduation program. Students have the opportunity to explore a wide range of subject matter (bowls, cylinders, animal forms, musical instruments and masks), materials (clay, wire, foam, cardboard, soapstone, and found objects), hand tools and (*possibly pottery wheels), and building techniques (coil & slab construction, slip & scoring, and painting & glazing technique). No prerequisite is required although Visual Arts 8 is recommended.

VISUAL ARTS 09 (MAE 09)

Visual Arts 9 is an introductory level course in the Fine Arts Intermediate program that encourages “creativity” through traditional and electronic forms of art. Students respond to, create, and communicate themes and issues drawing, painting, printmaking, ceramics & sculpture, and digital photography. In addition, students work in their sketchbook on a weekly basis, documenting, reflecting, and sharing their personal discoveries. Evaluation focuses on fulfilling project and assignment criteria with an emphasis on aesthetics, originality, and quality. No prerequisite is required although Visual Arts 8 is recommended. Concepts and skills taught in this course establish a foundation for future careers in graphic design, industrial design, interior design, animation, movie industry, photography, and architecture, etc.

VISUAL ARTS 09: PHOTOGRAPHY (MVA 09 PHOTO)

Photography is an art form that uses light and optics to capture visual expression; it reflects the interconnectedness of the individual, community, history, and society; it is a unique way to represent self, personal identity, and cultural expression; it requires the engagement of mind and body; growth in skills are dependent on perseverance, resilience, and reflection. Photography 9 is a specialization in the Fine Arts Intermediate program that encourages “creativity” through electronic forms of art. Students explore a wide range of learning concepts, materials, and equipment (cameras, lighting, and editing tools); create photographs (portraiture, natural landscape, and built-architectural) with a specific audience in mind; evaluate photographs in terms of conceptual, compositional, and technical aspects; present and justify their photographs through tutorials, personal reflections, and group critiques. No prerequisite is required although Visual Arts 8 is recommended.

HOME ECONOMICS COURSE – GRADE 9

FOOD STUDIES 09 ADST (MADFS09)

If you loved Foods 8, you will really enjoy Foods 9 as you learn components of food preparation for a variety of recipes from snacks to entrees. Foods 9 is a comprehensive course which focuses on working effectively both as individuals and collaboratively in a group to maintain a co-operative work space, developing skills in meal preparation, and examining food and nutrition principles. Delight in exploring healthy eating, understanding kitchen organization, and preparing recipes from breakfast to dinner, which leads you to your independence in the kitchen.

TEXTILES 09 (MADT 09)

Would you like to learn how to sew and make your own clothes and accessories? If you prefer a more hands-on approach to learning then this course would be a great fit for you. You will learn about different fashions, fabrics and sewing techniques. Students will study fabric selection and care, pattern design and alterations, basic clothing construction techniques including waistbands, zippers, buttonholes, facings, collars and hems. You will master the use of the sewing machine and be introduced to the serger and other sewing related equipment.

INFORMATION TECHNOLOGY COURSES – GRADE 9

COMPUTER PROGRAMING ADST (MADIT 09)

Note: Either computer Programming or Digital Media is a pre-requisite for other senior ICT courses. Have you ever wanted to develop your own game or app? In Computer Programming, students will have the opportunity to explore computer languages and create their own software solutions. The course will also investigate different tools that will allow students to create software solutions for a range of scenarios. Computer Programming will provide the fundamental skills and concepts needed for students to be successful in all other senior computer courses.

DIGITAL MEDIA ADST (MADGE 09)

Note: Either Digital Media or Computer Applications is a pre-requisite for other senior ICT courses. Are you interested in digital imagery and graphics? Do you want to create 3D models and animations? Have you ever wanted to shoot your own professional looking movies and create special effects? Then Digital Media might be the right course for you! Students will have the opportunity to develop proficiency in the use of digital cameras and camcorders, while using applications such as Photoshop, Illustrator, Premier, AfterEffects and Blender to create digital designs. Students will also have the chance to publish and print their creations, ranging from t-shirt designs to 3D printed objects.

LANGUAGES COURSES

FRENCH 09 (MFR 09)

Bienvenue à Français 8 & 9! Have you ever wanted to speak French better for the travel experiences within Canada and the world? Do you want to taste, hear, and see Francophone cultural experiences? French 9 focuses on the four pillars of listening, speaking, reading, and writing as we explore topics such as our passions, goals, holidays, and travel. Students learn the foundations of French while improving their ability to speak the language with increasing spontaneity.

SPANISH 09 (MSP 09)

Come explore a language that can take you around the world to more than 20 countries. You will be able to communicate in Spanish through speaking, reading, writing and listening. Through food, songs, art and dance we will experience the cultural activities that enhance Spanish and bring this amazing language to life. In grade 9, you will experience:

- Authentic Cuisine and food from various countries
- Dia de los Muertos (Day of Dead) & a fiesta for Cinco de Mayo - piñata building challenge, yes please!
- Watch movies in Spanish - learn to understand different accents from around the world
- Songs, Art and Dance - listen to music, classroom art projects and learn about different styles of dance
- Conversations/Orals are done with tons of props to make them fun, engaging and of course, interesting!
- Paella Day – learn how to prepare Paella, a traditional Spanish dish.

Learning Spanish is fun and furthers your discover of the Hispanic world, while expanding your identity as a global citizen

PERFORMING ARTS COURSES**CHOIR 09 (MMU 09CH)**

A fun way to learn more than just vocal technique. This performing group will explore a wide variety of musical styles and repertoire, and will focus on developing sight singing and ear training skills. Discover ways to extend your vocal range, create breath energy, formulate and place vowels correctly, and perform with confidence in a choral setting. No previous singing experience is required. Participation in music department activities is expected.

CONCERT BAND 09: BEGINNER (MMU 09 BEG)

Beginning Band 9 is for all students who wish to learn how to play an instrument and have not played an instrument before. Students will learn rhythm, music notation and music reading while having the opportunity to play fun music, and perform in concerts and festivals. Band students will have the opportunity to go on trips.

CONCERT BAND 09: INTERMEDIATE (MMU 09 INT)

Recommended: Successful completion of Band 8 or director's permission. This course is designed for students who have reached an interim level of proficiency on a band instrument. Students will experience a significant increase in complexity and excitement of repertoire over previous band levels. Students will have the opportunity to perform in festivals and concerts, and go on trips!

DANCE 09: BEGINNER (MDNC 09 BEG)

This course is for students who have always wanted to learn to dance, but may not yet had the opportunity or who have up to three years of recent experience in any genre or those who dance at the recreational level at outside studies. Students will learn the basics of multiple genres including Jazz, Hip Hop and Contemporary in a fun and supportive atmosphere. This class is perfect for people of all fitness levels to learn new skills in flexibility, strength and coordination through the learning of choreography. This class would be appropriate for students who have taken dance in previous years but have not danced recently. Students will advance at individual levels and be encouraged to challenge themselves through establishing individual dance goals. Students will have multiple performance opportunities.

DANCE 09: INTERMEDIATE (MDNC 09 INT)

This course is for students with four or more years of recent dance in at least one of the following genres: Ballet, Jazz, Lyrical, Contemporary or Hip Hop, either in school or at a studio. Students will have opportunities to study many genres including Hip Hop, Contemporary and Jazz. Students will increase their dance technique and vocabularies through the regular viewing and critiquing of live and recorded performances and through the creation of choreography for stage. Students will advance at individual levels and will be encouraged to challenge themselves as dancers and choreographers. There will be multiple workshop and performance opportunities. . Students who have not previously taken a dance course at Sullivan should speak with Ms. Law directly prior to selecting this course. **Students must be recommended or receive permission to enroll in this course. Students who have not previously taken a dance course at Sullivan should speak with Ms. Law directly prior to selecting this course.**

DANCE 09: ADVANCED (MDNC 09 ADV)

This course is designed to challenge the advanced dancer and facilitate explorations of the world of dance and performance. This course is appropriate for those with five or more years of competitive and/or examinable dance experience in one or more of the following genres: Ballet, Jazz, Lyrical, Hip Hop and Contemporary. Students will increase their dance technique and vocabularies through regular viewing and critiquing of live and recorded performances and through the creation of choreography for stage. Students will advance at individual levels and will be encouraged to challenge themselves as dancers and choreographers. There will be multiple workshop and performance opportunities. Please note: This is a course with limited enrolment. All course requests will be reviewed by the department in conjunction with administration.

Students must be recommended or receive permission to enroll in this course. Students who have not previously taken a dance course at Sullivan should speak with Ms. Law directly prior to selecting this course.

DRAMA 09 (MDR 09)

Prerequisite: None. Drama 9 is an introductory performance course, which aims to develop teamwork, confidence building and creativity. It will involve theatre units of study such as improvisation, mime, film and television, comedic character development, vocal exploration, movement exploration, monologue development, and one act plays. While there is little written homework, students are required to memorize lines and rehearse their assigned scenes outside of class time.

GUITAR 09: BEGINNER (MMU 09 GUI-BEG)

This is an introductory course. No previous guitar or music experience is necessary! Students in this course will learn basic chords and strumming patterns which will enable them to play several styles of music including popular, rock and blues music. Students will also learn the basics of finger-picking and basic guitar technique, while learning to read music and tab.

GUITAR 09: INTERMEDIATE (MMU 09 GUI-INT)

Advanced guitar is designed for students who have guitar experience, and want to learn more challenging styles and techniques. In advanced guitar students will explore a variety of topics such as blues, classical guitar, scales, and advanced chording. Students are encouraged to pursue individual projects in this course.

JAZZ BAND 09 (MMU 09 Y JAZ)

This course is an introduction to jazz. Students will develop their instrumental and theoretical skills through the lens of standard jazz band genres, including swing, funk, Latin, and rock. Improvisation will be encouraged. Standard jazz band instrumentation is as follows: alto, tenor, or baritone saxophone, trumpet, trombone, guitar, bass guitar, piano, or drums. However, all instruments are welcome! Because the jazz band learns and performs more challenging music, jazz students must be registered in concert band or have teacher permission. Jazz students will have the opportunity to play in concerts and festivals, and go on trips.

MUSICAL THEATRE PIT BAND 09 (MMU 09 MT PB)

The pit band is one of the highest-level ensembles in secondary school, and plays professional charts! Students are strongly encouraged to be in concert band or jazz band concurrently, and have experience on their chosen instrument. **Please Note: Auditions may be required!** The pit band plays for the school musical, and is expected to attend all musical rehearsals and performances. In this course, students will develop an amazing level of performance and work ethic, and will be a part of a close-knit and supportive musical community. A positive attitude and commitment are essential for success in this course.

TECHNOLOGY EDUCATION COURSES

METALWORK 09 (MADM 09)

This is an introductory course in metal shaping and fabrication. Students will have the opportunity to design and construct projects based on their individual needs through safe use of hand and power tools. Students will be introduced to fuel and arc welding techniques as well as other manufacturing processes.

TECHNOLOGY EDUCATION 09 ADST (MADPT09)

This course encourages students to explore the many areas of technology through assignments and projects. Students will gain an appreciation of materials and processes, which are commonly used in the workplace. Projects and topics of this course are designed to develop self-motivation, critical thinking and problem solving so that students are better prepared for the future. Students may be exposed to communications, drafting, electronics, keyboarding, and metal, plastics and wood technologies with an emphasis on developing a balance of knowledge, skills, and attitudes that have lifelong value.

WOODWORK 09 (MADW 09)

This course is an introductory course that undertakes various aspects of the woodworking trades. We begin by studying, designing and constructing a project within specific design guidelines. Emphasis is given to awareness and application of wood design, a working knowledge of wood, safe and correct use of power tools, developing a responsible and safe attitude toward power, and maintenance and repair of tools. Lathe and wood turning projects are bonus activities.

APPLIED SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH 9 ADST (MADSTEM 09)

This STEM program will explore the ADST curriculum through the lens of Science, Technology, Engineering, and Mathematics. Students will develop a designer/maker mindset through the creative synergy of tools and projects at all levels of expertise. Through inquiry and project based learning environment, students will explore real world topics that foster independent learning and creative and critical thought.

