Saint James School
8th grade

Religion

By the end of Grade 8, students will:

understand how the presence of Christ sustained the Church from the early Christian communities to the present

know how Christianity became the dominant religion of the Mediterranean world and the organizing principle of society

understand the Protestant Reformation and the Church's Counter-Reformation during the Renaissance

deepen their knowledge of doctrine

Language Arts

By the end of Grade 8, students will:

In Literature:

- Recognize, define and evaluate story elements: plot, setting, and characters in short stories and novels
- Provide evidence from a piece of literature to support understanding
- Critically read and understand non-fiction

- Read to learn more about God, their faith, and their role in the mission of the Church
- Read for a variety of purposes including for pleasure, obtaining information, enrichment and as a means to becoming a lifelong learner.

In Writing:

- Organize ideas and information in well-developed compositions for various purposes: description, narrative, expositions, and persuasion
- Write a concise summary of a reading selection
- Write a research report, gather relevant information from multiple print and digital sources, using in-text citations with a Works Cited page
- Use Technology to research and to create/produce projects
- Write routinely over extended time frames
- Demonstrate command of the conventions of Standard English grammar when communicating through writing or speaking

In Oral Language:

- Prepare for and participate in a range of conversations and collaborations with diverse partners
- Present information, findings, and supporting evidence to an audience

Mathematics

By the end of Grade 8, students will:

- Analyze characteristics and properties of two and three dimensional geometric shapes and develop mathematical arguments about relationships
- Use properties and characteristics of two-and three-dimensional shapes and geometric theorems to describe relationships, communicate ideas and solve problems
- Develop and apply appropriate techniques, tools and formulas to estimate and determine measurements
- Understand and describe patterns and functional relationships
- Represent and analyze quantitative relationships in a variety of ways

- Use operations, properties and algebraic symbols to determine equivalence and solve problems
- Use properties and characteristics of two- and three-dimensional shapes and geometric theorems to describe relationships, communicate ideas, and solve problems
- Use spatial reasoning, location, and geometric relationships to solve problems
- Develop and apply units, systems, formulas and appropriate tools to estimate and measure
- Compute fluency with multi-digit numbers and find common factors and multiple
- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.
- Solve and graph 0ne and Two step inequalities
- Pythagorean Theorem

Science

By the end of Grade 8, students will:

In Earth Science:

- Provide examples of how fossils are evidence of life and environments that have changed on Earth.
- Identify the Earth's oceans as a precious resource that needs to be protected from pollution.
- Explore how external and internal sources of energy affect the Earth's systems.
- Demonstrate that the Sun is a typical star and that Earth is the 3rd planet from the Sun in a solar system that includes the Moon, 8 other planets (some with moons), and smaller objects such as asteroids and comets.

- Describe how the position of Earth in the solar system affects conditions on our planet.
- Explain that objects in the solar system have regular and predictable motions due to the force of gravity between these objects, with motions relating to phenomena such as time of day, season, or phase of the Moon.
- Compare and contrast the Sun as a star with other objects in the Milky Way galaxy (e.g. nebulae, globular clusters, dust clouds, start, black hole) and describe methods to view and study such features.

In Life Science:

- Describe heredity as the passage of genetic information from one generation to the next.
- Compare and contrast features of organisms for their adaptive, competitive, and survival potential (e.g. appendages, reproductive rates, camouflage, defensive structures).
- Describe the unity of organisms by studying their similar internal structures, chemical processes, and evidence of common ancestry.
- Describe how natural selection in the environment (e.g. by predators, climate change) leaves individuals more apt to survive and to pass on their genes to offspring.
- Describe that genetic information is contained in genes and that traits are determined by one or more genes.

In Physical Science:

- Understand and interpret the patterns in the periodic table of elements to obtain information.
- Provide examples of how total mass is conserved in chemical reactions (e.g., combustion, rusting, antacid tablet reaction).
- Describe simple patterns in the periodic table of elements that relate to the physical properties of matter (e.g. solids, gases; metals, nonmetals).
- Describe ways that forces can affect motion (e.g. action/reaction, equilibrium conditions, free-falling objects, rockets, etc.).
- Describe and use graphs to show the motion of an object with position, direction, and speed.

- Explain the factors that affect the gravitational forces on objects (e.g., changes in mass, distance) and use classic experiments to demonstrate gravitational or electromagnetic forces (e.g., pendulum).
- Describe how an object's inertia causes it to continue moving the way it is moving unless it is acted upon by a force to change its motion.

Social Studies

By the end of Grade 8, students will:
History Curriculum Standards Grade 7 & 8.

- Develop historical thinking skills, including the following: Chronological thinking, recognizing change over time, and research historical sources.
- Understand major historical periods from mid 1800's to present by examining historical ideas, beliefs, institutions, and conflicts.
- Explain how information and experiences may be interpreted by people from diverse cultural perspectives
- Develop and understand how Catholics and Catholic Church have influenced American History
- Access, gather and interpret information from a variety of primary and secondary sources to create various forms of written work
- Demonstrate an ability to participate in social studies discourse through informed discussion, debate and effective oral presentation.

World Language - French:

By the end of Grade 8, students will: (Grammar)

- Know how to use -ir and -re verbs
- Know how to use verbs in the past tense , including irregular past participles(Grammar)
- Know how to use the simple future(Grammar)
- Know vocabulary centering around the airport (vocabulary)
- Study and present a Google slide show on Belgium (Culture)

- Add more irregular verbs: sortir, partir, dormir, sevir,prendre, and mettre Grammar)
- Know how to form questions(Grammar)
- Study the history behind«Les Misérables», watch the film, and write a character analysis of one of the characters. (written in English) (Culture)
- Read a short chapter book in French
- Study the French Revolution (Culture)
- Be able to write a short 10 sentence paragraph and present to the class(Writing and Speaking)
- Be prepared for French 2 If they have done well throughout these three years of French 1

*****This is a general list of what I plan to do at each grade level. Throughout the year I try to incorporate the four basic language skills: speaking, writing, reading, and comprehension. It is important to note that the classes meet only three times each week

Computer Technology

By the end of Grade 8, students will:

- Demonstrate positive social and ethical behaviors when using technology.
- Successfully and responsibly operate multiple technology devices.
- Use a variety of media and technology resources for directed and independent learning activities.
- Communicate about technology using developmentally appropriate and accurate terminology.
- Use developmentally appropriate multimedia resources and digital tools for problem solving, communication, illustration of thoughts, ideas, and stories, and to differentiate and personalize learning.
- Work independently, cooperatively and collaboratively with peers, to gather information and communicate with others using telecommunications, with support from teacher and/or family members.

Music

By the end of Grade 8, students will:

Art

By the end of Grade 8, students will:

Physical Education

By the end of Grade 8, students will:

Health

By the end of Grade 8, students will: