



Saint James School

7th grade

Religion

By the end of Grade 7, students will:

- know the accounts of Jesus' birth as written in the Gospels
- know how The Kingdom of God was revealed to us by Jesus
- understand how to spread the Kingdom of God by living the Gospel message.
- understand how the Holy Spirit calls and guides us to spread the Gospel message.
- know that our conscience helps us to make moral decisions.
- reflect on the 10 Commandments and know that following Jesus means loving as he did.

Language Arts

By the end of Grade 7, 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

By the end of Grade 7, students will:

- Have general knowledge of French speaking Africa (culture)
- General review of 6th grade material (4 skills)
- Know 4 Irregular verbs: être, avoir, faire, and aller (grammar)
- Know family, food and restaurant vocabulary (vocabulary and speaking)
- Review months and dates, adding in seasons and weather expressions (vocabulary)
- Be able to read simple texts (Reading and comprehension)
- Be able to understand simple children's videos in French (comprehension)
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- 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 7, students will:

- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.
- Compute flexibly and fluently and make reasonable estimates; **APPLY TO REAL WORLD SITUATIONS**
- Understand and describe patterns and functional relationships
- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
- Use mathematical models to represent and understand quantitative relationships
- Analyze proportional relationships and use them to solve real-world and mathematical problems
- 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
- Collect, organize and display data using appropriate statistical and graphical methods.
- Select and use appropriate statistical methods to analyze data
- Analyze data sets to form hypotheses and make predictions
- Investigate chance processes and develop, use, and evaluate probability models

Science

By the end of Grade 7, students will:

In Life Science:

- Describe how all organisms are made up of one or more cells that have common structures to maintain life.

- Explain that all living things are composed of cells (i.e., “the building blocks of life”) and that cells carry out the functions needed to sustain life (e.g., photosynthesis in plants).
- Describe that regulation for organisms involves sensing their surroundings (external environment) and then using physiological activities at the cell or organism level to survive.
- Describe how many organisms, including humans, have specialized organ systems that interact with each other to maintain dynamic internal balance.
- Describe levels of organization for living systems, starting with cells, then moving to tissues, organs, organ systems, whole organisms, populations, and ecosystems.
- Describe human systems for digestion, respiration, reproduction, blood circulation, excretion, movement and coordination, and protection from disease and ways that these systems interact.
- Correlate behavior as an organism’s response to internal or external stimuli and that all organisms must obtain and use resources, grow, reproduce, and maintain internal conditions.
- Explain how reproduction is a characteristic of all living systems, with some organisms reproducing asexually and others reproducing sexually (through egg and sperm).
- Use examples to show that populations of plants or animals consist of all individuals that occur together in a region.
- Develop a diagram showing sunlight (the major source of energy in ecosystems) entering ecosystems through producers by photosynthesis, then passing to consumers and decomposers through food webs.
- Compare examples of ecosystems with vast numbers of species of animals, plants, and microorganisms in many kinds of habitats.
- Identify and classify key biotic and abiotic interactions in an ecosystem and factors that affect population density.

In Physical Science:

- Describe how energy is a property of substances that is associated with heat, light, solar radiation, electricity, mechanical motion, sound, and chemical substances.
- Describe some of the physical and chemical processes that are used to produce energy and how society uses this natural resource.
- Diagram examples of how waves carry energy and transfer energy when they interact with matter (e.g. seismic, light, electromagnetic, sound).
- Describe how energy provides the ability to do work and can exist in many forms.

Social Studies

By the end of Grade 7, 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 in Early America 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 7, students will:

- Have general knowledge of French speaking Africa (culture)

- General review of 6th grade material (4 skills)
- Know 4 Irregular verbs: être, avoir, faire, and aller (grammar)
- Know family, food and restaurant vocabulary (vocabulary and speaking)
- Review months and dates, adding in seasons and weather expressions (vocabulary)
- Be able to read simple texts (Reading and comprehension)
- Be able to understand simple children’s videos in French (comprehension)

Computer Technology

By the end of Grade 7, 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 7, students will:

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Art

Progressively from Grade 5 through Grade 8, students will:

- expand the range of 2-D and 3-D art processes, techniques, and materials with a focus on the effects possible within each medium.
- create artwork that demonstrates an awareness of the range and purpose of such tools as pens, brushes, markers, etc.
- learn the elements and principles of design and be able to demonstrate knowledge of color, line, texture, shape, space and composition.

Physical Education

By the end of Grade 7, students will:

- Develop the necessary knowledge and performance skills in a variety of team sports, individual, and lifetime activities
- Demonstrate responsible personal and social conduct used in a physical activity setting.
- Demonstrate body strength in many muscle groups.
- Acquire the necessary social skills in order to participate in movement-skill activities.
- Develop the awareness and feelings of others / Become a supportive teammate and classmate

Health

By the end of Grade 7, students will:

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