



ST. NORBERT SCHOOL

**Fifth Grade**

**Curriculum Guide**

**2019-20**



ST. NORBERT SCHOOL

Dear Parents,

We hope you find this Curriculum Guide helpful! The guide is meant to give you an overview of what your child will be learning at his/her grade level. This overview will assist you when having conversations about classroom work with your child's teacher and when reinforcing learning concepts at home with your child.

We invite you to contact your child's teacher with any questions throughout the year. We look forward to a successful partnership to enhance each student's knowledge.

God Bless,

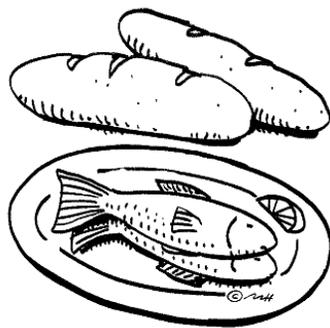
St. Norbert School Staff

## RELIGION

Religion focuses on the life, mission, and saving work of Jesus, building knowledge of sacred scripture, and putting faith into practice.

### By the end of fifth grade students will be able to...

- identify the essential elements of the Sacraments
- recognize that God calls each one of us to use our gifts and talents for the good of others
- state that the Beatitudes are Jesus' teachings about how to live as disciples of God
- recognize that Sacred Scripture is the written word of God.
- locate books of the Old and New Testament in the Bible
- understand the central truths of the Catholic faith contained in the Apostle's Creed
- appreciate how the lives of the saints/holy people can inspire us to live holy lives
- understand the importance of prayer and identify the different types of prayer
- actively participate in the liturgy of the Church on Sunday and at the All School Masses



## LANGUAGE ARTS

Students will read literature and informational text to increase vocabulary and improve fluency and comprehension. They will develop critical-thinking, problem-solving, and analytical skills required for success in school and beyond. Students will also develop composition skills using various writing styles to produce opinion, informational/explanatory, and narrative pieces.

### By the end of fifth grade students will be able to...

#### Reading Literature and Informational Text

- compare and contrast two or more characters, settings, or events in a story or drama, drawing on specific details in the text
- determine the meaning of words and phrases as they are used in a text, including figurative language such as metaphors and similes
- compare and contrast stories in the same genre (e.g., mysteries and adventure stories) on their approaches to similar themes and topics
- quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text
- compare and contrast the overall structure of events, ideas, concepts, or information in two or more texts
- quote accurately from a text when explaining the text and drawing inferences
- determine the meaning of words as they are used in text, including figurative language

#### Writing

- write opinion pieces on topics or texts, supporting their point of view with reasons and information
- write informative/explanatory texts to examine a topic and convey ideas and information clearly
- conduct short research projects that use several sources to build knowledge through investigation
- draw evidence from literary or informational text to support analysis
- produce clear and coherent writing in which the development and organization are appropriate to task, purpose and audience

#### Speaking and Listening

- engage effectively in a range of collaborative discussions with diverse partners, building on others' ideas and expressing their own effectively
- Report on a topic or text to present an opinion, sequencing ideas logically and using facts and details to support main ideas and themes

## MATHEMATICS

Students will focus on developing fluency with adding and subtracting fractions, and multiplying and dividing of fractions. They will develop an understanding of operations with decimals to hundredths, develop fluency with whole number and decimal operations, and develop an understanding of volume and conversion of like measurement units.

**By the end of fifth grade students will be able to...**

### Operations and Algebraic Thinking

- write and interpret numerical expressions; interpret numerical expressions without evaluating them
- analyze patterns and relationships

### Number and Operations

- understand the place value system
- perform operations with multi-digit whole numbers and with decimals to hundredths.
- apply and extend previous understandings of multiplication and division
- multiply and divide fractions; use equivalent fractions as a strategy to add and subtract fractions
- add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction
- solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators

### Measurement and Data

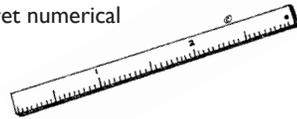
- convert like measurement units within a given measurement system
- represent and interpret data
- understand concepts of volume and volume measurement

### Geometry

- graph points on the coordinate plane to solve real-world and mathematical problems
- classify two-dimensional figures into categories based on their properties

### Mathematical Practices

- make sense of problems and persevere in solving them
- reason abstractly and quantitatively
- construct viable arguments and critique the reasoning of others
- model with mathematics
- use appropriate tools strategically
- attend to precision



## SCIENCE

Students will learn both the content and process of science. Using a hands-on, student centered, inquiry-based approach, students will understand that science is a process for gaining knowledge about the natural world.

**By the end of fifth grade students will be able to...**

### Scientific Inquiry

- participate in scientific inquiry, conduct experiments, develop and solve problems
- collect data from investigations using science tools and skills such as observing, estimating and measuring
- use evidence, observations and logic to develop scientific explanations for investigations
- understand the relationship between science and technology and human impacts on Earth's systems

### Life Science

- understand the organization for matter and energy flow in organisms (food chains/webs)
- diagram and explain the life cycles of plants and animals
- understand and diagram the interdependent relationships in ecosystems
- explain the cycles of matter energy transfer in ecosystems

### Physical Science

- demonstrate and explain ways that forces cause actions and reactions
- demonstrate and record constant, variable and periodic motion
- Understand the structure and properties of matter
- Demonstrate and explain chemical reactions

### Earth Science

- identify and explain natural cycles and patterns in the solar system
- identify the various objects in the sky and describe their apparent motion
- show that the atmosphere and weather have properties that are measurable and somewhat predictable
- show how the Earth's major systems interact to affect Earth's surface materials and processes

## SOCIAL STUDIES

5<sup>th</sup> grade Social Studies focuses on the “story” of the United States up to the 1800’s. Students study early American government as well as the development of our judicial system. Through research, projects, and oral reports, students will analyze and explain elements of world and American history.

### By the end of fifth grade students will be able to...

#### History/Culture

- identify possible explanations of how early people came to America
- understand that explorers from the Eastern Hemisphere were founders of new nations in the Western Hemisphere
- explain the conflicts between Native Americans and early settlers
- show how a desire for freedom of religion and speech led to the development of colonies in North America
- analyze the American Revolution from multiple perspectives
- recognize the role of important historical figures in the development of the United States
- identify geographic features that impacted the development of our nation
- understand how available natural resources affected the development of the colonies

#### Geography

- use maps and globes accurately (latitude and longitude, map scale)
- use tools of geography to interpret information

#### Civics, Government, and Economics

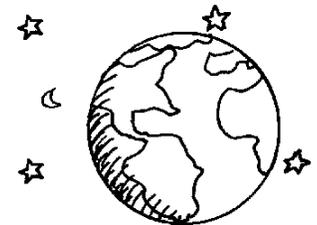
- analyze why colonists refused to accept the taxes imposed by England and how this led the movement towards self-government
- recognize the development of government during the colonial period
- describe the development of the Constitution, Branches of Government, and Bill of Rights
- understand the role of economic reasons for colonization and the role of economic decisions in the development of our nation
- understand how economics motivated human behavior

## SPANISH

Starting to learn a new language at a young age can be very beneficial to children. In this class, we speak almost exclusively in Spanish. This helps the students to develop an “ear” for the language and eventually speak it better than students who begin to learn at a later age.

### By the end of fifth grade students will be able to...

- count to 100
- introduce themselves and ask others their name
- ask others how old they are and respond themselves
- talk about the color of an object
- talk about feelings such as hot, cold, or hungry
- talk about what foods they like and dislike
- talk about where family members are in the house
- identify classroom objects
- describe food and colors
- recite the day of the week and tell what the date is
- describe the weather and seasons
- discuss where they “go” around town
- read stories in Spanish and tell the main ideas
- describe what they are wearing
- describe themselves in terms of personality and looks
- talk about what they like to do
- express actions using regular verbs
- talk about school classes

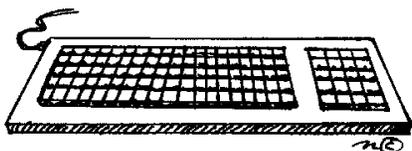


## TECHNOLOGY

Students become more proficient as well as develop new skills and knowledge in working with a variety of documents, spreadsheets and graphs, and multimedia presentations. Problem solving, creativity, collaboration and efficient research are all part of the curriculum. Internet safety and aspects of digital citizenship are also addressed.

### By the end of fifth grade students will be able to...

- use advanced word processing and desktop publishing to create and format a variety of documents including but not limited to manuscripts, tables, two-sided, multiple-column pamphlets and brochures, newspapers and newsletters
- create multimedia presentations which include graphics, transitions, animations and sound and present to an authentic audience of peers
- enter data in a spreadsheet worksheet and create formulas to make simple calculations
- successfully complete the process of using spreadsheet data to create line, column and pie graphs to visually represent or summarize data and understand the appropriate use of each type of graph
- apply digital tools to gather, evaluate and use information
- be able to evaluate the reliability, accuracy and currency of digital information
- be aware of the rights and responsibilities of digital citizenship and safe practices
- apply existing knowledge to generate new ideas and solve problems and be able to do this collaboratively



## PHYSICAL EDUCATION

The curriculum for each grade level contains specific goals and objectives to enable students to learn and develop sport skills, and understand the benefits of exercise and good sportsmanship. The physical education units are based on the National Standards for each particular grade and ensure fun and diverse experiences.

### By the end of fifth grade students will be able to...

- combine basic locomotor skills and nonlocomotor skills along with manipulative skills (running and throwing, running and kicking, running and bending etc.)
- participate in physical activities without interfering with others or objects with fewer teacher prompts
- participate in establishing class rules, procedures and safety practices for specific activities
- define and apply the elements of cooperative strategies
- participate in health-related fitness activities that will improve cardiovascular endurance, flexibility, muscular strength and muscular endurance
- identify activities that positively impact overall fitness (team sports outside of class)
- identify the immediate effects of exercise on the body (increased heart rate, increased breathing, sweating etc.)
- demonstrate good sportsmanship (making good choices,, appropriate communication, winning and losing)



## MUSIC

Using advanced theory knowledge and methodology, students will be able to identify and sing pentatonic scales and recognize musical forms. Students will be able to identify and perform complex dotted and eighth note rhythms. Students also study jazz music and learn about how this American art form has impacted and reflected our culture.

### By the end of fifth grade students will be able to...

- sing music from a variety of cultures with correct pitch and vocal technique
- read and write music notation
- sing melodies using solfege
- identify a pentatonic scale and the notes that construct it
- identify instruments of the orchestra and instrument families
- describe music using correct musical terminology
- understand and identify musical forms
- compose music within specified guidelines
- recognize pitches and rhythms visually and orally
- understand the history of jazz and its significance to American culture.
- learn about the geography, music and culture of various countries



## ART

In third through fifth grades, there is a progression of 3D skills, use of the color wheel and emergence of advanced textures and line composition. Also, students learn to observe and interpret meaning from art.

### By the end of fifth grade students will be able to...

- identify the elements of two and three dimensional art and acquire problem solving skills to create more challenging visual works of art
- integrate the elements of space, value, and form to demonstrate 3D skills
- explain how works of art are produced and have a role in society

## SOCIAL AND EMOTIONAL LEARNING (S.E.L.)

Many key sets of skills and behaviors provide a strong foundation for achieving success in school and in life. One skill is knowing emotions, how to manage them, and ways to express them constructively. Another skill is building and maintaining positive relationships with others and contributing to the well-being of a school. These skills help all students learn to recognize the feelings and perspectives of others.

### By the end of fifth grade students will be able to...

#### Self-Awareness and Self-Management Skills

- recognize and accurately label emotions
- demonstrate control of impulsive behavior
- identify one's likes and dislikes, needs and wants, and strengths and challenges
- identify family, peer, school, and community strengths
- identify goals for academic success and classroom behavior

#### Social Awareness and Interpersonal Skills

- recognize that others may experience situations differently
- use listening skills to identify the feelings and perspectives of others
- describe the ways that people are similar and different
- describe positive qualities in others
- identify ways to work and play well with others
- demonstrate appropriate social and classroom behavior
- identify problems and conflicts commonly experienced by peers
- identify approaches to resolving conflicts constructively

#### Decision-Making Skills and Responsible Behavior

- identify a range of decisions that students make at school
- make positive choices when interacting with classmates



The mission of St. Norbert School  
is to find God in all things through  
learning, faith, and service.



ST. NORBERT SCHOOL

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