



ST. NORBERT SCHOOL

Seventh 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,

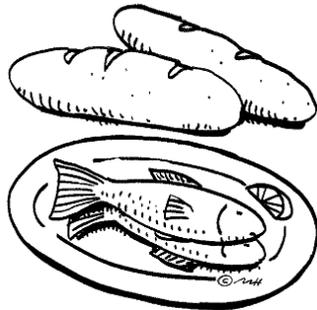
St. Norbert School Staff

RELIGION

Through scripture and tradition, seventh grade students gain a deeper understanding of the impact of Jesus in their lives and in the world. Students gain understanding of His mission through His role as the son of Mary and Joseph, His relationship with the apostles, the parables He told, and the miracles He worked. They will be aware that Jesus' kingdom is one of love, justice, and truth, and have a deeper understanding of the sacraments.

By the end of seventh grade students will be able to...

- understand that faith is a gift from God which we profess together and to the world
- identify that the central mystery of the Catholic faith is the Holy Trinity
- understand the sacramental nature of the church and the meaning of the sacraments in personal life
- recognize that sacramental life is rooted in faith and in prayer
- understand and celebrate the liturgical rites of the church in the church year
- describe the organizational structure of the church
- recognize how stewardship is important to the spiritual life of the parish and to one's life
- recognize that the parish has racial, cultural, and ethnic identities that must be respected
- understand that other religions must be respected
- participate in a variety of service projects



WORLD LITERATURE

The junior high language arts program prepares student to exceed the norm in reading, writing, and communication while enhancing syntax skills that portray sophistication in writing and speaking; skills increase progressively each year. World Literature provides a solid foundation and the confidence to achieve success in a rigorous high school curriculum.

By the end of World Literature students will be able to... **Reading Literature and Informational text**

- identify and distinguish between all types of figurative language; students will also be able to write their own examples of figurative language
- use context clues to draw predictions based on tone and mood of a story, as well as characters' thoughts and actions throughout multiple genres of text
- understand and label the purpose of the author of any given text
- analyze how particular lines of dialogue or incidents in a story or play propel the action, reveal aspects of a character, or provoke a decision
- determine the meaning of words and phrases as they are used in a text; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts
- analyze how differences in the points of view of the characters and the audience or reader create such effects as suspense or humor
- cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text
- analyze in detail the structure of a specific paragraph in a text, including the role of particular sentences in developing and refining a key concept

Writing

- Accurately write and cite within the Modern Language Association (MLA) formatting guidelines
- use words, phrases, and clauses to create cohesion and clarify the relationships among claim(s), counterclaims, reasons, and evidence
- use domain-specific vocabulary to inform about or explain the topic
- use technology to produce and publish writing and present the relationships between information and ideas efficiently
- find and use evidence from various texts to support ideas and arguments

WORLD LITERATURE

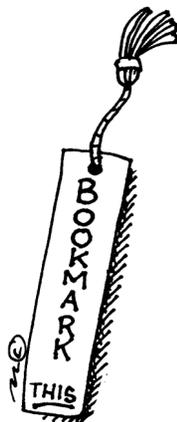
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Writing (continued)

- conduct short research projects to answer self-generated questions and focused questions while drawing from several sources of information
- learn and master the grammar topics of 7th grade

Speaking and Listening

- pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant observations and ideas
- adapt speech to a variety of tasks; demonstrate command of formal English
- select, memorize and perform a poem in front of an audience



PRE-ALGEBRA

Problem solving with rates and ratios, working with variables and variable expressions, and gaining an understanding of basic statistical analysis are key skills students will gain in seventh grade. These Common Core State Standards are important foundational skills for college and career readiness. Seventh graders proficient in these skills may be placed in eighth grade math.

By the end of Pre-Algebra students will be able to...

Ratios and Proportional Relationships

- compute unit rates associated with ratios of fractions
- describe whether two quantities are in a proportional relationship including identifying the constant of proportionality
- use proportional relationships to solve real-world problems including markups and markdowns, percent increase and decrease

The Number System

- apply properties of operations as strategies to add and subtract rational numbers
- apply and extend previous understanding of multiplication, division, and fractions to multiply and divide rational numbers
- solve real-world and mathematical problems using the four operations with rational numbers including those with complex fractions

Expressions and Equations

- use properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients
- solve multi-step real-life and mathematical problems with positive and negative rational number in any form
- use variables to represent quantities in real-world or mathematical problems to construct simple equations and inequalities to solve these problems

Geometry

- understand geometric relationships
- solve problems involving scale drawings; know the formulas for the area and circumference of a circle
- solve real-life and mathematical problems involving area, surface area, and volume of two- and three-dimensional objects
- solve real-life and mathematical problems involving angles.

Statistics and Probability

- use random sampling to draw inferences about a population; draw informal comparative inferences about two populations
- develop a probability model and use it to find probabilities of events

ALGEBRA I

The goal of the mathematics curriculum is to equip students with the necessary skills to be successful math students in high school. How well a student understands Algebra I correlates directly to his/her success in high school math classes. By exposing students to Algebra I, students are well prepared for advanced high school math classes.

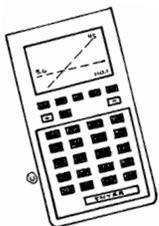
By the end of Algebra I students will be able to...

The Number System

- recognize, create, and solve ratios and proportions
- demonstrate competency in all operations of rational numbers
- identify and approximate irrational numbers

Expressions and Equations

- apply symbolic expressions to represent unknowns
- solve algebraic equations for a given variable
- define and utilize terms related to linear equations
- define, evaluate, and compare functions
- represent an equation, inequality, or a set of points on the Cartesian plane



Functions

- understand that a function is a rule that assigns to each input exactly one output
- compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables), or by verbal descriptions

Geometry

- identify, describe, and analyze attributes of two and three-dimensional shapes
- explain and use the Pythagorean relationship

Statistics and Probability

- find probabilities of events and makes population generalizations
- recognize/categorize patterns through data analysis
- represent data using concrete objects, pictures, and a variety of graphical representations

SCIENCE

Science at the seventh grade level is taught utilizing a hands-on approach. This includes discussion, laboratory experimentation, and written work. At this level, the Scientific Method is stressed as a means of problem solving. The curricula focuses on Physical Science. Topics that are investigated include: Lab Safety, Structure and Properties of Matter, Chemical Reactions of Matter, Interactions and Conservation of Matter and Energy, Force and Motion. Seventh graders participate in the Science Fair.

By the end of seventh grade students will be able to...

Scientific Practices

- apply the scientific method to investigations
- analyze and interpret charts and other graphic information
- use mathematical and computational thinking
- follow basic safety procedures and identify and use basic scientific equipment
- plan and carry out investigations and understands the connections between science and technology

Physical Science

Matter and its Interactions

- explain that substances react chemically to produce new substances with different properties
- give examples of how total mass is conserved in chemical reactions.
- relate simple patterns of the periodic table to the physical property of matter

Motion, Forces, and Interactions

- describe ways that forces can affect motion
- explain the factors that affect the gravitational force on objects by conducting experiments

Energy and Wave Properties

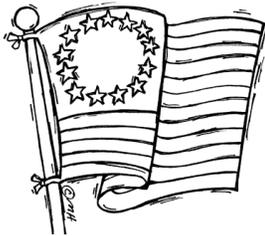
- describe how energy is a property of substances that is associated with heat, light, sound, mechanical motion, electricity, solar radiation, and chemical substances

SOCIAL STUDIES

Government and Civics are the focus of seventh grade Social Studies. One half of the year is spent learning, and applying to real and hypothetical events, in detail, the US Constitution and the Bill of Rights. Time is also spent studying the Illinois State Constitution. During the second half of the year, students apply their knowledge of these documents to a unit introducing the concepts of criminal justice. Setting the stage for American History in eighth grade, all of the Presidents are presented as a long unit, staging their biographies in a historical context.

By the end of seventh grade students will be able to...

- understand, and be ready to execute, their rights and responsibilities as Americans under the Constitution and the Bill of Rights, as well as identify major court cases, and the reasons behind them, that helped clarify those rights
- build and maintain a firm, factual knowledge of the structure of American government on the Federal and State levels, the relationship between those levels, and the importance of both to their own lives.

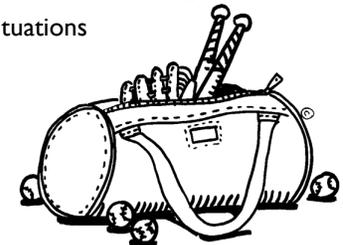


PHYSICAL EDUCATION

Physical education promotes the spirit of cooperation, leadership, and good sportsmanship. Students participate in a variety of games, team sports, and physical fitness activities. They receive instruction in rules, skills, and strategies associated with different sports as well as participate in activities involving sports and physical conditioning.

By the end of Junior High students will be able to...

- demonstrate control when performing combinations and sequences of locomotor, non-locomotor and manipulative motor patterns
- compare and contrast efficient and inefficient movement patterns
- apply basic offensive, defensive and cooperative strategies in selected activities, games and sports
- identify the principles of training: frequency, intensity, time and type
- identify and participate in activities associated with the components of health-related fitness
- apply rules and safety procedures in physical activities
- monitor intensity of exercise through a variety of methods
- set realistic short-term and long-term goals for a health-related fitness component
- identify opportunities within the community for regular participation in physical activities
- apply the principles of training to the health-related fitness goals
- participate in establishing procedures for group physical activities
- remain on task independent of distraction (e.g., peer pressure, environmental stressors)
- work cooperatively with others to accomplish a set goal in both competitive and non-competitive situations

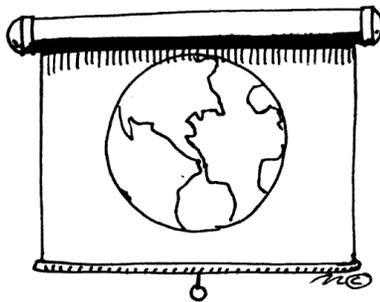


SPANISH II

Obtaining fluency through the acquisition of vocabulary and grammar in a meaningful context is the focus of Spanish. Students learn to speak, read, write, and listen using a kinesthetic style of learning. Assessments are based on how well students can use the language rather than how well they have memorized the rules. The TPRS® method of teaching Spanish is used. This method focuses on achieving real language acquisition through the development of practical skills.

By the end of Spanish II students will be able to...

- read three novellas and various short stories to learn vocabulary and grammar in context
- practice speaking through acting out chapters in the novellas
- develop skits to practice vocabulary and grammar that mimic real-life scenarios
- use the eTextbook for games, videos, and assessments
- acquire elements of the culture through the readings and on field trips
- develop confidence in writing in Spanish through written retells of the novellas or stories
- listen to videos and audio CD to aid in understanding native speakers



MIDDLE SCHOOL ELECTIVES

St. Norbert Middle School currently offers numerous unique fine arts and technology electives based on educational significance and student interest. Electives are geared toward engaging students in challenging ways that interest them. All students are enrolled in physical education and a foreign language class as well.

By the end of Middle School students may choose from...

Fine Arts Electives

- Basic Drawing
- Painting Methods
- Sculpture
- Garageband
- Stomp
- Hand Bell Choir
- Music Makes a Movie



Technology Electives

- Technology Explorations
- Basic /Advanced LEGO
- Photoshop
- Programming (multi-level)
- 3D Design
- Nature Exploration



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 Junior High 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, 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 than oneself
- 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

- explain why unprovoked acts that hurt others are wrong
- 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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