

Celebrating over 59 Years of Excellence!

St. Rocco School

Sharing the Love of the Heart of Christ!

What Your Child Learns



A Parent's Guide to the *Grade Five Curriculum*

CHRIST is the reason for this school.
~in our minds, on our lips, and always in our hearts~

At St. Rocco School, we promote a Catholic Education providing a rich spiritual, academic and social development of each child. We do this through a stimulating environment and a broad based and balanced core standard curriculum for each subject area in every grade level. Our curriculum will continuously undergo evaluation and updating.

Included but not limited to:

Empowering Writing Grades K-8

Foss Kits Grades K-8

STAR assessments are used regularly throughout the year as formative and interim testing to screen for reading and math achievement levels. They will be used once a year in April as nationally normed summative assessments. The assessments are computer based either being taken on a laptop, PC or tablet. The reports yield data in both disciplines in order for the teachers to identify differentiated classroom instructional strategies for individualized student progress in grades 2-8.

Next Generation Science Standards Grades 5-8

St. Rocco School is accredited by the New England Association for Schools and Colleges.

Please note that these curriculum guides provide only an overview of what your child will be learning and that the actual written curriculum is much more comprehensive.

What Your Child Learns

GRADE FIVE CURRICULUM

Religion

Students will become aware that God made and loves us. They will appreciate themselves as gifts of God. They will examine what Catholics believe, how Catholics celebrate, live, and pray. As part of the Religion Program, the Circle of Grace program will teach students about their own circle of grace, a trusted adult, different forms of media, and computer safety.

A few of the objectives to be covered are:

- ♥ Recognize that the purpose of the Christian life is to know, love, and serve God.
- ♥ Identify ways to live the Beatitudes in everyday life.
- ♥ Recognize that the Church is one, holy, catholic, and apostolic and the people of God are called together by the Holy Spirit.
- ♥ Recognize the difference between mortal and venial sin.
- ♥ Realize that prayers, devotions, and sacramentals help us encounter God.
- ♥ Learn the sacraments of Eucharist and Confirmation complete our initiation into the church
- ♥ Learn that the sacrament of healing restores us
- ♥ Jesus shares his life with us and we are to love and serve as Jesus..
- ♥ Baptism is the foundation of Christ
- ♥ Liturgical year and seasons
- ♥ Recognize the parts of the Mass

Health

The students will study a variety of topics relating to personal and mental health, nutrition and fitness, harmful substances, human growth, disease and injury prevention, the importance of safety and community resources, and strategies for conflict resolution and stress management:

A few of the objectives are listed below:

- ♥ Incorporate Catholic values in the decision-making process.
- ♥ Recognize how exercise helps to improve physical and mental health.
- ♥ Demonstrate responsibility for personal hygiene.
- ♥ Identify the need to balance the components of food groups.
- ♥ Introduce the components of the muscular and skeletal systems as they relate to fitness and nutrition.
- ♥ Understand dangers of harmful drugs on the body.
- ♥ Understand consequences of poor decisions.
- ♥ Demonstrate understanding of gender differences.
- ♥ Recognize one's responsibility for the prevention and control of disease.
- ♥ Describe the effect of smoking on the body.
- ♥ Learn first aid skills such as choking and minor injuries.
- ♥ Identify hazards that are found in the home.
- ♥ Identify functions of community emergency action centers/institutions.
- ♥ Design and evaluate a plan for solving conflict.
- ♥ Demonstrate peer mediation strategies to resolve problems in group situations.
- ♥ Identify causes of stress and ways to deal with it.
- ♥ Identify the difference between good and bad stress and how each affects us.
- ♥ Design set of strategies for dealing with stress and coping with rejection, frustration, disappointment, and failure.

Math

Students will understand numbers and ways of representing numbers. They will demonstrate an understanding of classification, patterning and sequence. Students will recognize ways to measure objects, time, and money. Students will begin to demonstrate an understanding of data collection, display, and interpretation.

A few of the objectives are listed below:

- ♥ Read and write whole numbers through billions and decimals through thousandths.
- ♥ Compare and order whole numbers and decimals using $<$, $>$, or $=$.
- ♥ Add and subtract numbers up to six digits.
- ♥ Solve problems using the Guess and Test, organized list, making a table, finding a pattern, and working backwards strategies.
- ♥ Divide with 1-and 2-digit divisors.
- ♥ Find the prime factorization, the greatest common factor, the least common multiple and the least common denominator.
- ♥ Add, subtract, multiply, and divide fractions
- ♥ Reduce fractions to lowest terms
- ♥ Write fractions as percent and percent as fractions.
- ♥ Write percent as decimals and decimals as percent.
- ♥ Measure, draw, and classify angles.
- ♥ Identify congruent and similar figures.
- ♥ Use customary units to estimate and measure length, capacity, and weight...
- ♥ Read a thermometer and record temperatures in degrees Fahrenheit and Celsius.
- ♥ Rename and compute with units of time and find elapsed time.
- ♥ Find the range, mean, and mode of a set of data.

Language Arts

Listening

- ♥ Use appropriate social skills in classroom discussions and conversations.
- ♥ Recall information and summarize.
- ♥ Identify point of view/motive/bias/author's purpose.
- ♥ Select important information for note taking.

Speaking

- ♥ Develop appropriate speaking techniques (pronunciation, volume, posture, rate, tone) according to the situation (small/large group, one-on-one—peer or teacher).
- ♥ Express ideas/opinions.
- ♥ Prepare and deliver various types of formal oral presentations.

Reading

Literal Comprehension

- ♥ Retell or summarize a story using all story elements (characters, setting, rising action, climax, falling action, resolution).
- ♥ Identify author's point of view.
- ♥ Identify verse, couplet, and stanzas in poetry.

Inferential Comprehension

- ♥ Create visualizations based on text.
- ♥ State the theme of a selection.
- ♥ Determine cause/effect relationships.

Critical/Evaluative Thinking

- ♥ Articulate confusing sections of text and formulate questions.
- ♥ Interpret a character's physical description, dialogue, inner thoughts/feelings, actions and the reactions of other characters to develop a character map.
- ♥ Begin to identify use of symbolism.
- ♥ Begin to recognize what flashbacks are and how they are properly sequenced.

Fluency

Word Recognition

- ♥ Monitor and self-correct, then re-read to fix error
- ♥ Continue to develop the etymology of words (Greek/Latin roots)

Structural Analysis

- ♥ Utilize word study skills such as:
 - syllabication
 - abbreviations
 - inflectional endings
 - possessives

Study/Organizational Skills

- ♥ Take and organize notes from oral and written materials using correct outline format and other systematic manners.
- ♥ Use skimming/ scanning to locate information (using text aids such as headings, bold face print, pictures, graphs, charts, tables, etc).
- ♥ Evaluate own work based on teacher created rubric.

Writing

Prewriting

- ♥ Choose from a variety of graphic organizers to structure ideas.
- ♥ Select and narrow a topic for a particular purpose/audience.
- ♥ Select and use reference materials and resources as needed for writing.

Drafting

- ♥ Write in a style appropriate to the purpose.
- ♥ Write in a consistent voice.
- ♥ Connect ideas using appropriate transition words within the paragraph.

Editing/Mechanics

- ♥ Correct sentence fragments and run-on sentences.
- ♥ Identify and correct misspelled words.
- ♥ Conference with teachers/peers.

Publishing

- ♥ Prepare a corrected copy.
- ♥ Add illustrations.
- ♥ Publish work in different formats.
- ♥ Summarize information gained through reference materials.

Social Studies

The social studies curriculum will focus on Early Civilizations and U.S. History. Students will learn about early civilizations population of the lands. The age of exploration will be discussed and how the Americas came into existence. The discussions will encompass the history, government, and culture of the United States from colonial times to the war of American Independence. It will have an emphasis on the American political system while reviewing our civic obligations.

Science

Students will continue to utilize the FOSS curriculum to engage in hands on learning about Earth, Life, and Physical Sciences. In grade 5, the topics covered include Earth and Sun, living systems, and mixtures & solutions.

A few of the objectives to be covered are:

- ♥ Explain the movement of the Sun based on the observation of shadows on Earth
- ♥ Utilize a sun tracker to explain how the change in the position of the Sun is based on the time of day.
- ♥ Track the moon's appearance over one month and analyze the data to describe why its appear changes
- ♥ Create models of the Earth, Moon, and Sun and their distances.
- ♥ Create a model to display the organization of the Solar System
- ♥ Describe the relationship between gravity and inertia in regards to an object's orbit
- ♥ Use models to explain properties of matter (air).
- ♥ Describe the properties of the atmosphere.
- ♥ Explain how energy is transferred through radiation, conduction, and convection.
- ♥ Describe and explain the water cycle.
- ♥ Identify and describe components of a system and its subsystems
- ♥ Identify and describe the four sub-system of Earth
- ♥ Describe feeding relationship and energy transfers by creating a food chain or food web.
- ♥ Investigate the role of decomposition in an ecosystem.
- ♥ Discuss the necessary nutrients for life and how organisms obtain them from their environment.
- ♥ Explain how nutrients are transported to cells.
- ♥ Compare and contrast the vascular and transpiration systems in plants with the circulatory and respiratory system in humans.

- ♥ Explore the role of the nervous system and its relationship to an organism's ability to communicate, see, and smell.
- ♥ Explain how mixtures and solutions are different.
- ♥ Explain the difference between melting and dissolving.
- ♥ Develop a model based on multisensory observations.
- ♥ Compare solution of different concentrations.
- ♥ Describe the relationship between concentration and density.
- ♥ Observe and describe changes when two or more solutions are mixed.
- ♥ Identify a chemical reaction using evidence from observations.

Art

Each student will be provided with an introduction to artists (their works, their techniques, their mediums, their struggles, and their perseverances) in an environment that encourages self-discovery and self-expression through artistic experimentation.

THEME: Art is All About Me -- Recording our individuality through a personal portfolio

Focus of Lessons:

- ♥ The dynamics of the gestural line in portraiture
- ♥ Using words and letters to express ideas in art
- ♥ The thoughtful organization of a defined space
- ♥ Mystery and intrigue in art
- ♥ Creating a special keepsake – a self-sculptured pet
- ♥ Recognizing important personal relationships
- ♥ A visual reference to the hopes and dreams of the young artist
- ♥ Reaching beyond our personal comfort zone
- ♥ Working non-traditionally in large format as a means of self-portrait
- ♥ Seasonal projects/art work

Music

All students in Grades 1 through 8 have general music once each week. The general music program introduces students to the following basic musical concepts: rhythm, melody, harmony, tone color, form, and expression. Students experience these concepts through singing, moving, and listening and apply them through performing and creating, both in the classroom and in liturgical settings throughout the school year.

Students explore various styles of music and recognize music from different historical periods. Music instruction is complemented by music learning software for Kindergarten through Grade Eight.

Our adopted music curriculum is *Making Music*, published by Silver-Burdett/Ginn, supplemented by *Music Alive*, a monthly magazine published by Cherry Lane for the Middle School.

Physical Education

All students at St. Rocco School have a balanced Physical Education program that gives them opportunities for vigorous activity, teaches skills, and stresses the importance of life-long fitness. Our Physical Education program reinforces our Christian values and social skills by providing opportunities for collaboration and good sportsmanship. Fifth grade students have the opportunities to work on skills individually, with a partner, in a small group and as part of a team. The emphasis at this level is on skill development and lead-up skills for a variety of games and sports. The ability to understand rules and develop game strategies becomes more important. The students also participate in the President's Challenge Physical Fitness Test each spring. While students have the opportunity to participate in a wide variety of activities, games and sports, the emphasis remains on cooperation and participation

Spanish

During this academic year Spanish will be offered in grade five. Students will build upon the lessons that were introduced in grade four expanding in the following areas: grammar, spelling, pronunciation, and vocabulary. To fully appreciate the language, aspects of Spain's culture will be taught.

Technology

The students will be able to perform basic computer/Windows functions. They will be able to manipulate special function keys and utilize the Home Row Keys. Saved work will be able to be retrieved and printed. They will be able to correctly cite resources taken from the Internet, Electronic Encyclopedias, and CD-ROMs. Technology is integrated into daily activities through the use of iPads and interactive instruction with the use of the “whiteboard” (Mimio).

Instructional Software Use: not limited to ~ Brain Pop, Kidspiration, etc.
