

# St. Mary of Gostyn School

## Grade 1 Curriculum Guide



### Social Studies

First grade students develop an awareness of the world around them.

The focus will be:

- Families
- Neighborhoods
- Working together
- Meeting needs through goods and services
- Celebrations
- Our country, our world

### Religion

First graders will learn through stories, activities, Scripture, prayer, discussion and reflection about their Catholic faith. Catholic values are discussed and integrated not only in Religion, but in all subject areas.

The focus is on:

- Traditional common prayers
- Creation
- God, Jesus, Mary and the Holy Spirit
- Celebrating liturgy
- Baptism
- How to respect each other
- Lives of saints

### Spanish

The focus will be on:

- Pronunciation
- Conversation

### Physical Education

In first grade, students learn and explore factors that affect a healthy lifestyle. Students will:

- Maintain personal fitness
- Acquire an awareness of personal health needs
- Demonstrate gross motor skills
- Participate in cooperative group games
- Engage in activities that increase heart rate
  - Jogging
  - Jumping rope
  - Tag games
- Engage in activities that develop eye-hand coordination/eye-foot coordination using a variety of equipment

### Science

Students use concrete, hands-on experiences to understand science in the physical and natural world around them. They learn through observing, predicting, questioning and explaining.

Students will study:

- Plant and animal growth
- Investigating habitats
- Properties of matter and energy
- Force and motion
- Weather, Planets and Seasons
- Earth's land/Natural Resources

### Math

First grade students will acquire a knowledge of mathematics and the ability to apply math skills to solve problems using the text My Math.

Students will:

- Identify and count numbers from 0-100
- Add and subtract numbers up to 10
- Understand the concept of zero
- Solve simple word problems
- Chart, compare and graph data
- Compare height and weight
- Use a calendar
- Sort by size and shape
- Compare numbers
- Identify patterns, shapes
- Count to 100 by fives and tens
- Identify and describe characteristics of shapes
- Use manipulatives to solve for an unknown
- Apply logic when estimating
- Measure time and money
- Solve two-digit operations using base 10

### Music

Students will be able to:

- Discern sensory elements of music such as high, low, fast and slow using music
- Terminology (pitch, allegro, andante, adagio, forte, piano, etc.)
- Demonstrate the mood or emotion expressed in a piece of music presented through body movement, drawing, painting and verbal expression

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- Accurately sing songs related to the season and the Christmas program
- Play hand percussion instruments and demonstrate hands on manipulation of musical concepts presented and to explore artistic expression through music
- Introduction of basic musical notation such as staff, note movement and counting beats

### Language Arts/Writing

The Language Arts Program includes reading, writing, speaking, listening, and the study of literature. The components of the program emphasize the development of those skills that allow students to read with fluency, comprehend and interpret written materials, communicate well, and listen and speak effectively. The skills acquired and understood are applied and reinforced in all content areas. The textbook used for reading is Wonders.

### Reading/Literature:

Children through the series experience authentic literature in the form of poetry, folktales, nonfiction, fiction, biographies, fantasies and plays.

Reading fluency will develop and improve as students are presented with the following skills:

- Link spoken and written language
- Using word identification strategies
- Developing vocabulary (includes listening and sight)
- Using structural analysis
- Comprehending the main idea
- Sequencing events of a story
- Analyzing details
- Use context clues
- Distinguishing fact from fantasy
- Making predictions
- Use text features

### Writing:

First grade students use writing to convey meaning. Students will:

- Write effectively using words and pictures to convey thoughts
- Write simple sentences

- Apply spelling knowledge (skills are developed through a variety of spelling and phonetic patterns)
- Apply grammar and mechanics
  - Capitalization
  - Complete sentences
  - Basic punctuation
- Use literary elements through prompted writing

### Listening/Speaking:

First grade students will listen for understanding, follow directions, and respond appropriately to the speaker. Students will use acquired language and vocabulary to express opinions.

Students will:

- Present material orally
- Participate in discussions
- Read & retell stories

### Technology

First grade students will use electronic devices to enhance the curriculum and learn introductory computer skills.

Students will:

- Login to local computer
- Open and close programs
- Navigate a browser
- Practice keyboarding using Internet software

### STEAM Lab

The Robotics and Programming section of STEAM will focus on technology activities including the Sphero robotics program. These activities will be more teacher-led and focused on using critical thinking and problem-solving skills to program and code the robots to solve problems and accomplish goals.

The Makerspace section of STEAM will focus on hands-on activities in which students will work independently and collaboratively with their peers to devise solutions to problems and utilize a wide variety of tools to accomplish goals. The Makerspace is more student-led and explorative, while still maintaining structure with students working towards a common goal.