

## 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 McGraw-Hill Reading Wonders. The publisher offers information and activities at their website <http://connected.mcgraw-hill.com/>

### Reading

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:

- understanding cause and effect
- understanding plot
- identifying figurative language
- sequencing events of a story
- analyzing details
- using context clues, other resources to enhance vocabulary
- identifying the characteristics of fiction
- stating the author's purpose
- creating graphic organizers
- self-correct while reading
- interpret pronunciation key and diacritical marks in a dictionary or glossary
- book reviews

## Writing

Fourth grade students use writing to convey meaning.

Students will:

- write legibly using cursive
- write multiple sequential paragraphs on a given topic
- apply grammar and mechanics
- parts of speech
- tenses
- punctuation
- construct an outline
- use the writing process including prewriting, writing, revising, editing, and final draft
- write in multiple forms
- narrative, descriptive and persuasive essays

## Math

Fourth grade students acquire a knowledge of mathematics and the ability to apply math skills to solve problems through the use of the text McGraw-Hill My Math , extended activities, and hands on experiences. The publisher offers information and activities at their website <http://connected.mcgraw-hill.com/>

Fourth grade math standards include:

- The four operations with whole numbers
- Factors and multiples; number patterns
- Place value understanding for multi-digit whole numbers
- Fraction equivalence and ordering
- Decimal notation for fractions, and comparing decimals and fractions
- Measurement and conversion of measurements
- Data using line plots
- Angle identification and measurement
- Classification of shapes by properties of their lines and angles

# St. Mary of Gostyn School

## Curriculum Guide

### Grade 4



## Social Studies

Fourth grade students acquire social and cultural understanding of the world around them.

The focus will be:

- Immigration
- Regions of the U.S.
- Geography/map skills/Football Geography
- Government
- Illinois history
- Meeting needs through goods and services
- Individual and Group Projects

## Religion

Fourth graders will learn through stories and activities

- God, Jesus Christ and the Holy Spirit
- Planning, assisting in liturgy and other forms of Scripture, prayer, discussion and reflection about their Catholic faith. Catholic values are discussed.

## Music

Grade 4 students will be able to:

- Identify timbre (tone color) in a variety of musical idioms
- Read basic music notation
- Perform written music presented on the recorder
- Perform music written in several time signatures
- Identify musical forms such as binary (A/B) rounded binary (sonata) and Ternary (A/B/A or song form)
- Classify instruments of the orchestra according to how they produce sound
- Emphasis is on musical performance of standard music notation via recorders and the study of orchestral instruments

## Science

Students will engage in science & engineering practices to develop a conceptual understanding of earth, life, and physical sciences, and their connections, using inquiry and engineering design. Scientific inquiry involves the formulation of a question that can be answered through investigation. Engineering design involves the defining of a problem that can be solved through design of a solution. Science, Technology, Engineering, and Math –STEM – are interwoven and integrated into lessons, as they exist in everyday life.

Students will:

- Research, investigate, develop explanations, design, and model solutions to problems
- Engage in discussion and use evidence to explain and argue
- Examine Earth's place in relation to the solar system, Milky Way galaxy, & universe
- Explore light and heat energy and concept of energy transfer
- Understand factors that create and affect weather, climate, global climate change
- Explore formation and cycling of rocks/minerals
- Explain Earth's geological processes
- Investigate the evidence of life on Earth and human impacts on Earth systems
- Demonstrate knowledge of lab safety and proper use of scientific equipment
- Use computer technology to take notes, research, investigate, problem-solve, and report
- Develop and write a lab report to communicate *and explain* experiment findings

## Spanish

The focus is on:

- History and geography of Latin America and Spain
- Grammar
- Conversation
- Conjugating Verbs
- Good Spelling and Pronunciation

## Technology

Fourth grade students will study, retain and use information from a variety of sources using electronic devices. Students use Lenovo laptop computers in their classroom for technology integration throughout the 4th grade curriculum. These are left at school and charged on a classroom cart.

Students will:

- Gather and evaluate information using electronic devices
- Become proficient in the use of [Google apps for Education](#)
- Demonstrate proper Internet etiquette
- Use appropriate software to present information in multimedia presentation
- Create [Google Slide](#) presentation for CSW demo for parents in their classrooms

## Physical Education

In fourth grade, students learn and explore factors that affect a healthy lifestyle.

Students will:

- Maintain personal fitness
- Develop muscle strength, endurance and flexibility
- Use rules, safety and strategies of sports and games
- Demonstrate sportsmanship and participation in sports and games

## Art

Students will focus on:

- Critique Artwork
- Explore design through different cultures
- Art History