

# Curriculum & Objectives

## 4th Grade Overview

### Language Arts

#### Reading:

- Comprehension
- Phonics
- Decoding
- Word meaning
- Study skills
- Types of literature
- Vocabulary
- Book reports

#### Writing:

- Grammar skills
- Usage of grammar skills
- Spelling
- Composition
- Reference
- Study strategies

#### Handwriting:

- Proficient in cursive

#### Listening/Visual Literacy:

- Listening, visual skills and strategies

#### Oral Communication:

- Speaking skills and strategies

### Science

#### Life Science:

- Plant/animal structure

#### Physical Science:

- Force
- Electricity
- Magnetism
- Light, sound, matter

#### Earth Science:

- Weather
- Oceans

#### Human Body:

- Systems
- Staying healthy

### Social Studies

- Historic and Geographic: U.S. Regions/Colorado
- Civic: Colorado State Government
- Economic: U.S. Regions/Colorado

### Math

- Number Systems and Numeration
- Measurement: Temperature, money and time
- Linear measurement
- Volume measurement
- Weight measurement
- Geometric Concepts: Shapes, measurement and lines
- Algebraic Concepts: Sequence, variables, equations, ordered pairs
- Probability statistics and data analysis

### Religion

#### Profession of Faith:

- Revelation
- Faith
- Church

#### Celebration of the Christian Mystery:

- Liturgy
- Sacraments

#### Life in Christ:

- Call and pilgrimage to holiness
- Life in the Spirit
- Society/human community

#### Christian Prayer:

- Practice and learn by heart basic prayers of the Catholic Church

### Technology

- Empowered Learner
- Catholic Digital Citizen
- Knowledge Constructor
- Innovative Designer

### Music

- Make songs meaningful using musical expression
- Move to strong and weak beats
- Read rhythm patterns with quarter, eighth, half, whole notes and rests
- Dance in duplex meter to an Armenian folk song
- Sing an African American spiritual
- Identify intervals
- Read a pentatonic scale in songs from different cultures
- Play and sing songs with interesting textures
- Begin singing in harmony
- Begin to incorporate recorder and piano keyboard to reinforce pitch
- Begin playing music in small ensembles and entire class using more than three instruments
- May choose to participate in STM Catholic Band program

### Art

- Learn and utilize the elements of art and principles of design
- Explore and identify various art media
- Create and describe art that expresses their own thoughts and beliefs, themes in the Catholic faith, cultural heritage and integrates with other disciplines' curricula

- Develop pride and confidence in his/her own work, learn to identify and compare the values, thoughts, beliefs and expressions of others through critiquing others' artwork
- Build life skills through working on teams, working independently, implementing projects and developing creativity
- Analyze, interpret and form opinions about particular works of art, identify the role art plays in our culture and compare multiple purposes for creating art
- Identify and explore the history of art and how it relates to the social and political events of the time

### Physical Education

- Complete a daily exercise regimen designed to prevent injury, increase dexterity, promote greater strength, and enhance sense of well-being and confidence
- Learn rules of contests and reasons behind same
- Practice competitiveness with regard to Christian sportsmanship.
- Learn basic fundamentals of unit or sport prior to actively participating
- Understand the necessity of firm but fair discipline in all activities
- Learn the value of treating teammates and opponents with dignity and respect