

# MARY QUEEN OF PEACE SCHOOL

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[www.mqpwg.org](http://www.mqpwg.org)



## Sixth Grade

### Religion

#### Students will:

- identify the gift of faith in God's Word to us in scripture
- show interest and acquire knowledge about the Holy Trinity
- define Church as the people of God
- view worship and sacraments within the Old and New Covenant
- recognize the Sacraments of Initiation
- recognize the Sacraments of Healing
- identify calls of service to the Church
- interpret spiritual and corporal works of mercy
- recognize commandments as guides for life
- respond and use different forms of prayer

### Math

#### Students will:

- multiply and divide fractions by fractions
- compute fluently with multi-digit numbers and find common factors and multiples
- understand ratio concepts and use ratio reasoning to solve problems
- apply and extend previous understandings of arithmetic to algebraic expressions
- reason about and solve one-variable equations and inequalities
- represent and analyze relationships between dependent and independent variables
- solve real-world and mathematical problems involving area, surface area, and volume
- develop understanding of statistical variability
- summarize and describe distributions

### Language Arts

#### Students will:

- read, interpret, analyze, and respond to a variety of genres
- read three novels selected by teacher
- identify the elements of a story
- use a variety of sources to obtain information
- speak publicly for a variety of purposes
- diagram and label sentences
- write complete sentences using standard punctuation
- recognize and use figurative language
- utilize spelling rules in written communication
- write in a variety of styles

*"Closer to Christ by Loving and Serving as Missionary Disciples"*

## **Science**

### ***Students will:***

- study parts of the universe and their positions
- study the sun, moon, and earth position changes
- study theories past & present of the universe
- understand moon phases, tides, seasons, what causes day/night, a month, a year
- gravity between objects governs their motion
- difference between a meteor, comet, & asteroid
- classification of stars & their various life cycles
- the make-up & structure of the atmosphere
- study the causes of our climate and weather
- learn about motion as it relates to a reference point
- discover how forces of motion interact with each other to cause a change in motion
- work with simple and compound machines

## **Social Studies**

### ***Content topics:***

- Beginning of Civilization
- Ancient Near East
- Ancient Egypt
- Ancient India
- China
- Ancient Greece
- Ancient Rome
- Europe in the Middle Ages
- Renaissance and Reformation

## **Physical Education**

### ***Content topics:***

- Motor skills, rules, and strategies of activities (soccer, volleyball)
- Proper execution of throwing, catching, striking, kicking, bouncing, and jumping
- while using age-appropriate mechanics, force, and direction
- Muscle strength, endurance, and flexibility
- Function of major muscles
- Introduce all bones and muscles
- Count and record exercise and recovery pulse rate
- Six basic nutrients and how they affect the body

## **Computer**

### ***Students will:***

- create word processing and drawing documents
- import graphics to word processing documents independently
- make independent revisions in word processing documents to correct errors

- continue to save and print documents independently
- continue to create spreadsheets and graphs using correct formatting and formulas
- continue to create files using digital photographs and additional clip art folders
- continue to import drawn graphics, clip art, and digital images into applications
- continue to observe restrictions as stated in the AUP; in particular copyright, Internet file access, and plagiarism

## **Art**

### ***Content topics:***

- History (artists, styles, time periods and cultures)
- Art elements and principles (line, shape, color, texture, value, form, space, variety, rhythm, balance, movement, proportion, gradation, emphasis, and contrast)
- Art media and processes [variety of drawing materials, acrylic paint, pen and ink (drawing techniques), tooling foil (repousse techniques), modeling materials (clay and plaster techniques), collage and assemblage]
- Two-dimensional imagery [drawing and painting projects on units of landscape, figure, portraits, still-life and non-objective art (design), decorative arts and architecture]
- Three-dimensional forms (ceramic, sculpture and mobiles)
- Equipment and art material safety (appropriate care and use)

## **Music**

### ***Students will:***

- prepare and participate in music liturgy and music of the Church for all school Masses and prayer services
- develop vocal and instrumental music skills and performance etiquette
- identify and apply the elements of music through performance excellence
- read and perform two- and three-part vocal scores in different forms
- play two-part recorder score
- play all notes on a recorder with addition of F sharp and B flat
- perform and play two-part vocal music with various accompaniments
- identify key signatures C, F and G major
- identify and demonstrate symbols and marks of dynamics (ties, triplets, crescendo, decrescendo, ritard, accelerando, sharps, flats, and naturals)
- hear, play, and identify pentatonic, whole tone, and chromatic scales
- research, identify, listen, and show appreciation for the American musical