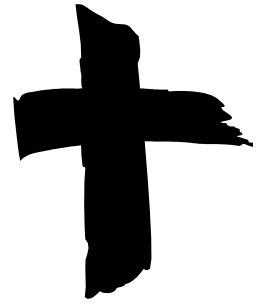




Divine Mercy Catholic School Grade 7



At Divine Mercy, we base our work with young children on current knowledge of child development. We provide a child-centered environment which promotes the spiritual, personal, academic, physical and emotional needs of each child. In order to accomplish this task, we use a variety of teaching styles, state of the art technology, and active discovery learning with developmentally appropriate activities and practices. We develop language, play, move our bodies and explore art and music. And yes, we believe that education can and should be fun!

We believe that each student is a unique, valuable individual because of his/her God-given potential. We understand our educational mission as a quality Catholic education that integrates religion with the rest of learning and living. Christian values and a God-oriented philosophy permeate the atmosphere and entire educational program. Excellence in education is the hallmark that has come to be associated with the Divine Mercy student.

Curriculum Areas

- ❖ Religion
- ❖ Social/Emotional Growth
- ❖ Reading/Writing Development
- ❖ Language Arts
- ❖ Math
- ❖ Science/Social Studies
- ❖ Art/Music
- ❖ Physical Development
- ❖ Spanish
- ❖ Computers
- ❖ Library

Reading & Writing Development

- Understand and use age-appropriate vocabulary
- Build on basic Latin and Greek roots
- Know and apply basic spelling rules and spell age-appropriate words correctly
- Use context clues, dictionary, and thesaurus to clarify word meaning
- Identify parts of speech of words in context
- Compare adjectives and adverbs correctly
- Classify prepositional, participial, and infinitive phrases as adjective or adverb
- Recognize simple and complete subjects and predicates
- Identify independent and subordinate clauses
- Identify simple, compound, and complex sentences
- Use correct subject-verb and pronoun-antecedent agreement
- Recognize and use nominative and objective pronouns
- Know and apply the rules of Capitalization
- Use punctuation marks correctly
- Follow standard English usage
- Recognize various genres of literature
- Know the five elements of a short story
- Understand, summarize, critique, and respond to literature
- Infer and apply story themes
- Distinguish between relative and subordinate clauses
- Understand cause and effect relationships
- Discover characters' motives
- Distinguish between static and dynamic characters
- Understand internal and external conflict in plot structure
- Identify plot elements and climax, and draw a basic plot diagram
- Recognize and interpret imagery and figurative language
- Distinguish among narrative, lyric, dramatic, and highly stylized poetic forms
- Identify metric feet in poetry
- Identify rhyme schemes in poems
- Understand and use foreshadowing and suspense in stories

Religious Development

- The meaning and importance of the sacraments
- Seasons of praise
- The physical aspects of the church
- Mary and the Saints
- Paths of prayer

Math Development

- Algebraic expressions and integers
- Solves one-step equations and inequalities
- Decimals and Equations
- Factors, fractions, and exponents
- Operations with fractions

- Ratios, proportions, percents
- Solves equations and inequalities
- Linear functions and graphing
- Spatial thinking
- Area and Volume
- Right triangles in algebra
- Data analysis and probability

Social Studies Development

- Analyze information through the use of maps, charts and graphs
- Understand how to use mental maps to organize information about people, places and environments
- Recognize the physical and human characteristics of places
- Know the physical processes that shape the patterns of the Earth's surface
- Recognize how the forces of cooperation and conflict among people influence the division and control of the Earth's surface
- Understand how human actions modify the physical environment
- Recognize the different social, political, and economic systems of the countries of the world
- Identify which map projections are useful for different purposes
- Apply the 5 Themes of Geography to different areas of the world
- Describe the parts of a map and the purposes of each part
- Find the relative and exact locations of places
- Explain what climate is and identify major climate zones
- Explain which elements make each culture unique
- Understand the difference between developing and industrialized countries
- Use timelines to identify key dates and events in history
- Draw simple outline maps and label countries
- Create concept webs containing key points about land, climate, economy and people

Science Development

- **Cells-** Cell theory, structure, function, reproduction, heredity and evolution
- **Classification system-** taxonomy, Linnaeus, scientific naming. Kingdom system
- **Ecology-** life and resources in our environment along with ecosystems
- **Human Body-** body systems, reproduction/growth, immunity
- Discover hands-on learning in our science laboratory; scientific investigation includes a series of specific behaviors which are validated by use of the senses, measuring tools, technology, and mathematics.
- Taught the importance of lab partners, safety, and proper techniques to use in the lab
- Taught the scientific method which allows students to develop practical solutions to everyday problems.
- Participate in a variety of national award programs to encourage creativity and imagination along with a concentration on scientific writing skills.
- Participate in Brevard Intracoastal Science and Engineering