



**GRADE LEVEL CURRICULUM  
GUIDELINES**

**GRADE 5**

St. Martin of Tours Academy, in partnership with parents, is a Catholic parish elementary school that prepares students to be lifelong learners through a curriculum that has a strong moral, spiritual, and academic foundation. Students understand the need for peace and justice, and as responsible Catholics, are challenged to answer the call to service and become engaged citizens of the world.

**7708 EL CAJON BOULEVARD  
LA MESA, CALIFORNIA 91942**

**Religion** (200 weekly minutes)

**Sacraments**

- Defines sacrament as an outward sign of God's love for us.
- Identifies the seven sacraments of the Catholic Faith broken down into sacraments of initiation, healing, and commitment.
- Celebrates the sacraments, particularly the Eucharist and reconciliation.
- Understands sacraments as celebrations of life.
- Sees Jesus as the sacrament of God's Presence.
- Recognizes the Catholic Church as the Sacrament of Jesus' presence in the world.

**Scripture**

- Studies and prays psalms
- Reads various New/Old Testament scriptures
- Enhances masses by participating and preparing.

**Liturgy/Prayer**

- Participates in morning offering and petitions, noon prayer, and afternoon prayer.
- Employs various prayer forms including the traditional prayer.
- Performs the Rosary and Stations of the Cross

**Social Justice**

- Makes visits to a convalescent home.
- Assists primary children during monthly masses.

**Language Arts** (635 Weekly Minutes)

**Reading**

- Builds vocabulary through understanding of word structure, use of synonyms, antonyms and homonyms, as well as the use of the dictionary and thesaurus.
- Increases comprehension through prediction, inference, comparison, and the drawing of conclusions.
- Understands cause and effect.
- Differentiates between fact and opinion.
- Identifies story elements as well as author's point of view.
- Employs various reference tools to effectively find information within books, journals, newspapers, and libraries as well as accessing on-line information.

**Writing**

- Utilizes writing process strategies: pre-writing, rough draft, proof reading, revising, and final copy.
- Constructs effective writings of varying length to include single and multiple paragraph works.

- Develops writings of different genre to include: comparative, explanatory, expository, personal narrative, persuasive, and story writing.
- Produces a research paper using multiple sources and including the correct citing of sources.
- Writes using captivating wording, correct grammar, and mechanics.

**Listening and Speaking**

- Processes oral information in order to formulate thought provoking questions to enhance learning.
- Engages in constructive dialogue.
- Clarifies views with supportive examples.

**Mathematics** (255 Weekly Minutes)

**Number Sense**

- Works comfortably with very large (millions) and very small (thousandths) numbers.
- Utilizes addition, subtraction, multiplication, and division with multi-digit whole numbers and decimals.
- Understands number line placement of integers, decimals, fractions, and mixed numbers.
- Identifies least common multiple and greatest common factor of number pairs.
- Equates proper, improper, and mixed fractions.
- Uses rounding and compatible numbers to estimate.
- Adds and subtracts negative numbers.

**Algebra and Functions**

- Constructs and solves simple algebraic expressions with one variable.
- Places ordered pairs in the four quadrants of the coordinate plane.
- Graphs simple algebraic expressions.
- Maps and extends geometric and numeric patterns.

**Measurement and Geometry**

- Chooses appropriate unit of measure for weight, length, volume, and temperature.
- Employs correct terminology with regard to line, angle, circle, and three-dimensional rectangular prisms.
- Calculates perimeter and area of a variety of polygons and circles
- Finds the surface area and volume of rectangular prisms
- Explores tessellation, translation, reflection and figure rotation.
- Statistics, Data Analysis, and Probability
- Calculates mean, mode, and median of a given set of numbers.

- Employs appropriate types of graphs to most effectively display data.
- Utilizes graphs to predict trends.

### Mathematical Reasoning

- Deciphers information in word problems to determine means to arrive at its successful solution.
- Utilizes various strategies to problem solve.
- Makes precise calculations and verifies to assure validity.

### Science (170 Weekly Minutes)

#### Physical Science

- Students understand elements, their combinations and how they account for all of the varied types of matter in the world.

#### Earth Science

- Students know water on earth moves between the oceans and land through the process of evaporation and condensation.

#### Life Science

- Knows that all living things are made of cells and use energy to survive.
- Learns that the complex interplay of various systems within the human body enables it to adapt to the constant demands of the external environment.

### Investigation and Experimentation

- Students ask meaningful questions and participate in investigations to develop further understanding of concepts.

### Social Studies (170 Weekly Minutes)

#### History

- Traces earliest migration of prehistoric tribes into North America and their adaptations to the environment.
- Identifies various explorers and their accomplishments.
- Studies include: colonization, independence, government formation, western frontier expansion, and the division of the union.

#### Geography

- Distinguishes various geographic regions within the United States and understands the relationship between human survival and the land.
- Locates the 50 states and identifies their capitals.

### Economics

- Recognizes the significance of trade between Europe and the Americas.
- Studies the economies of the early colonies.
- Analyzes the British debt after the French and Indian War.
- Understands the importance of a dependable monetary system in the young United States.

### Culture

- Sees the USA as a pluralistic society.
- Studies life as an explorer.
- Understands life at the dawn of the Revolutionary War.

### Ethics and Beliefs

- Distinguishes between Puritan, Quaker, and Native American belief systems.
- Contrasts the arguments for and against slavery in the United States.

### Social and Political Systems

- Compares Native American and Colonial American cultures.
- Juxtaposes Matriarchal and Democratic forms of Government.

### COMPUTER (30 Weekly Minutes)

#### Keyboarding

- Increases touch type to 30 words per minute with 80% accuracy
- Emphasizes home row.
- History
- Discusses origins of modern computers.
- Builds technical vocabulary of computers and software.

### Creativity

- Creates original art work and graphics.

### Internet

- Comprehends copy write ethics.
- Aware of need for use of Internet safety measures.

### PHYSICAL EDUCATION (90 Weekly Minutes)

#### Exercise and Calisthenics and Sports Skills

- Plays agility games and relay races.
- Takes part in, and learn the rules for, basketball, football, baseball, soccer, track, and volleyball.
- Builds good sportsmanship and teamwork.
- Improves ball skills.
- Develops an understanding for physical health and nutrition.

### FINE ARTS (90 Weekly Minutes)

#### Media

- Uses various media including pencil, ink, crayon, watercolor paint, chalk, and oil pastels.

#### History

- Studies a variety of artists throughout history.
- Emulates simplified versions of various artists' techniques.

#### Music Appreciation

- Sings various songs.
- Uses rhythm instruments.
- Is exposed famous composers and compositions

### FIELD TRIPS

- Simulated Mars Mission (Rueben H. Fleet Science Center)
- Midway Museum
- RM Levy Treatment Plant

### CLASSROOM EVENTS

- International Day
- Science Fair

### BOOK LISTS

#### Chronicles of Narnia

Series of Unfortunate Events

The Lightning Thief

Dear America Series

I Survived Series

C.W. Lewis

Lemony Snicket

Rick Riordan

Lauren Tarshis

