

Notre Dame Academy

4th Grade Curriculum

RELIGION

Weekly participation in school Mass & Morning Prayer

Prayer: Review learned prayers. Introduce Act of Faith, Hope, Love and Prayer to Holy Spirit.

Participate in the Sacraments of Reconciliation and Eucharist

Scriptures: Study Old and New Testament stories relating to the life of Jesus.

Morality: Learn the Ten Commandments, Beatitudes, Great commandment of Love

Doctrine: Study the Kingdom of God, power of the Holy Spirit, lives of the saints.

Liturgy: Read about the Seasons, Sacrament of Reconciliation.

Character education to establish a strong foundation of good morals, values, and ethics in our students

Church: Explore the Holy Spirit's work in the church

MATH

Number Sense:

Use a number line to show fractions, decimals, and mixed numbers.
Addition, Subtraction, Multiplication, and Division of multi-digit numbers.

Algebra & Functions:

Evaluate expressions including parentheses and the order of operations.
Understand that equations such as $y = 3x + 5$ are a prescription for determining a second number when a first is given.

Measurement & Geometry:

Calculate area of rectangles and squares and other more complex figures
Recognize that rectangles with the same area can have different perimeters
Graph points on a two dimensional grid

Data, Probability, and Statistics:

Make predictions that represent possible outcomes.
Read graphs to answer questions about data

Mathematical Reasoning:

Use strategies, skills, and concepts in finding solutions (estimation, patterns, checking answers, generalizing solutions, etc.)

SCIENCE

Physical Sciences: Electricity, Magnetism

Life Sciences: Energy and Matter (food webs, producers/consumers/decomposers)
Ecosystems, environments

Earth Sciences: Rocks and Minerals
Erosion (rock cycle)

Investigation & Experimentation: Apply scientific process to experimentation
Record and discuss results

HISTORY-SOCIAL SCIENCE

California geography
Native Americans, Spanish settlers
Gold Rush
The Missions system
California's statehood
Growth and Development through agriculture and transportation
Mixed cultures of California
World War II
Immigration
State and local government
Current issues
Environmental issues
Modern California's industries
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