

5th Grade Notre Dame Academy Curriculum

RELIGION

Weekly participation in school Mass & Morning Prayer

Describe different ways to pray & evaluate the consequences of one's choices

Identify church doctrines

Participate in the Sacraments of Reconciliation and Eucharist

Describe the work of the Church and its members

Analyze the meaning and significance of the Holy Trinity and the Sacraments

Apply the Fruits of the Spirit to everyday interactions

Discover ways to promote peace and justice and serve others through the outreach programs of our school and church

Family life to bring awareness of the importance of belonging to a family, school, and community.

MATH

Number Sense: compute with large and small numbers, positive integers, decimals, and fractions and understand the relationship between decimals, fractions, and percents. Perform calculations and solve word problems involving addition, subtraction, and simple multiplication and division of fractions

Algebra & Functions: use variables in simple expressions, compute the value of the expression for specific values of the variable, and plot and interpret the results

Measurement & Geometry: understand and compute the volumes and areas of simple objects. Identify, describe, and classify the properties of, and the relationships between, plane and solid geometric figures

Data, Probability, and Statistics: display, analyze, compare, and interpret different data sets, including data sets of different sizes

Mathematical Reasoning: make decisions about how to approach problems. Use strategies, skills, and concepts in finding solutions

SCIENCE

Physical Science: matter, motion, and forces

Life Science: cells, plants, and human body

Earth Science: Solar system- sun, planets, and space travel

Investigation & experiment: apply scientific process to experimentation; use numerical data; differentiate evidence from opinion; collect and analyze data to form logical conclusions

HISTORY-SOCIAL SCIENCE

Describe the physical and human geography and use maps, table, graphs, photographs, and charts to organize information about people, places, and environments in a spatial context.

U.S. History to the Civil War

Exploring and settling America and the 13 colonies

American Revolutionary War, Civil War, and modern age

States and capitals- location, spelling, and abbreviations