Science / Health

Four main standards for grade 5:

- 1. Living and non-living things are composed of related parts that function together to form systems.
- 2. Force, energy, matter, and organisms interact within living and non-living systems.
- Scientific inquiry is a process of investigation based upon science principles and questioning, collecting, describing, and examining evidence to explain natural phenomena and artifacts.
- 4. Engineering design is a process of using scientific principles to make modifications in the world in order to meet human needs and aspirations.

Outdoor School is experienced on even years and on those years the focus integrates the standards with that experience. The fifth graders participate in the annual St. Francis Science Fair as individuals for the first time. Teachers, Parents and Coaches assist them as they research and carry out their experiment.

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Religion

The Grade 5 Religion curriculum focuses on the Seven Sacraments. We supplement the textbook with Church feast days and seasonal celebrations as we progress through the liturgical calendar.

In November each student reads a saint book and reports to the class about their saint. Other events of the year are the Advent Wreath, Secret Santa, Valentine's Day, and Lenten activities. One of our service projects is to collect, dry, and shell walnuts to raise money for the

Showers Medical Center in Uganda.

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5th Grade

Social Studies

The grade 5 Social Studies is organized around the five themes of geography: location, place, human environment, movement, and regions.

Students learn about and work with maps, charts, and graphs when studying the geography of each continent.

Every other year the focus is on World History integrating geographic concepts.

Math

New Math concepts will be introduced and practiced each day.

The three main standards are:

- 1. To develop an understanding of and fluency with addition and subtraction of fractions and decimals.
- 2. To develop an understanding and fluency with division of whole numbers.
- 3. To describe and relate 2-dimensional shapes to 3-dimensional shapes and analyze their properties, including volume and surface area.

During the Math hour there are assistants in the classroom to lend an extra hand in working with the students. All students are expected to be fluent with the multiplication facts and have a basic understanding of division.

Language Arts

Language arts includes several subjects: English, spelling, and reading. Together these subjects and their accompanying activities fulfill the Language Arts standards. Ms. Allen teaches English for 30 min. M – TH. She uses Voyages in English by Loyola Press. We do a spelling unit per week, per grade level. The workbook unit is due every Wednesday morning. The reading text is Scott Foreman's Fantastic Voyages, and one or two literature books. The students also read six library books and practice their writing skills by doing a one to 1 ½ page written report on each book. Then they give an oral report on the book. The oral reports are always fun to hear. Language Arts skills include the following: comprehension-both literal and interpretative; paragraph writing that captures the main idea with supporting details; correct punctuation; and vocabulary development.

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