

SIXTH GRADE

- learn the rules of divisibility
- learn how to determine prime and composite numbers
- be able to list equal fractions
- learn to find multiples and least common multiples
- compare and order fractions
- find common denominators and least common denominators
- write mixed numbers as improper fractions and improper fractions as mixed numbers, and compare and order mixed numbers
- add fractions with the same and different denominators
- find the sum of two mixed numbers with the same and different denominators
- subtract mixed numbers with the same and different denominators
- multiply fractions and mixed numbers
- divide fractions and mixed numbers
- write percents for decimals, and decimals for percents
- write percents for fractions, and fractions for percents
- find a percent of a number using a decimal or a fraction
- use exponents to write products
- write numbers with exponents in standard form
- write large numbers in expanded form using exponents
- solve problems by writing equations involving addition, subtraction, multiplication, and division
- choose a computation method to find sums, differences, and products
- learn basic geometric terms
- identify points, lines, planes, rays, segments, intersecting and parallel lines, skew lines
- classify, measure, and draw right, acute, and obtuse angles
- identify geometric shapes
- identify center, radius, diameter, arc, chord, circumference, and central angle of a circle
- identify similar and congruent figures

The sixth grade year is considered the bridge between elementary school and junior high. Often called Middle School, it is a time of increased responsibility and self-awareness. With this in mind, our goal is to prepare each student for the increased academic and social demands of Junior High. Importance is placed on the development of effective organizational and study skills. Time management, research techniques, and motivational strategies are components of the 6th grade year.

To ensure a sense of community and bonding, students attend a week long outdoor school (Science Camp), where we learn to live together as family. The Science Camp experience is incorporated throughout the curriculum for the entire year.

Sixth graders adopt a country for the year. They take an imaginary trip to the country and using research at home and in school create a "suitcase" of information.

The project concludes with a school-wide International Day when students share what they have learned.

As sixth graders, students participate in a variety of field trips which enhance the curriculum. As an end of the year celebration, students, parents, and teachers discover our downtown community by participating in a downtown scavenger hunt culminating in a class picnic.

WHAT 6TH GRADERS ARE SAYING:

- Sixth grade is great because we go to science camp.
- I like Holy Family School because people listen to me.
- I attend Holy Family School because it is a Catholic School.
- Sixth grade is great because we get to eat brain food, read great books, and have raffles.
- I like Holy Family because they let you express your opinions and have good after school programs.
- Sixth grade is great because I like the teachers. I like learning about new things.
- I like Holy Family School because the teachers care for us.

Holy Family School

SIXTH GRADE CURRICULUM



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Holy Family School Sixth Grade Curriculum

SOCIAL STUDIES

Students will...

- develop an understanding of the importance of studying history and the relationships between the past and present
- understand the elements necessary to form a civilization
- develop knowledge of past civilizations and their influence on the present.
- understand the concept of culture
- develop an appreciation for the various cultures of countries throughout the world
- develop an awareness of the similarities/differences and interdependency of countries throughout the world
- develop an appreciation for the multicultural/multiethnic characteristics of our society.
- enhance their map skills
- develop an understanding of geography including location, place, human-environment interaction, movement, and regions

RELIGION

Students will...

- participate in the sacraments of Eucharist and reconciliation
- participate in school wide liturgies.
- participate in classroom prayer services.
- plan and participate in a liturgy for their 2nd grade buddies.
- complete and reflect upon service hours.
- participate in the bully-proofing program.
- develop an importance of self and family identity through the Family Life Program.
- analyze scripture and its role throughout history.
- appreciate scripture as story.



SCIENCE

In 6th grade the focus is Earth science and the students will read, learn, listen, practice, experiment, write and apply the following scientific principles through project-based learning with cross-curricular connections to math, ethics, language arts, and history:

- Plate tectonics and Earth's structure
- Shaping the Earth's surface (earthquakes, volcanoes, wind, rivers, etc.)
- Heat in the Earth's system
- Energy in the Earth's system
- Ecology and the Earth's system
- Resources of the Earth (rocks, mineral, fossil fuels)
- Scientific Method: investigation and experimentation (within each subtopic and science fair)



LANGUAGE ARTS

Literature

Students will ...

- experience a wide variety of literature, classical and contemporary.
- read and analyze writing from the various genres of literature.
- identify elements of story.
- participate in a variety of oral reading experiences to develop fluency.
- use comprehension strategies such as prediction, sequencing, summarizing, and identifying problem and conflict, solution, and character analysis.
- identify author's purpose.
- demonstrate an understanding of new words by using them in speech, reading, writing, creative activities across the curriculum.

Writing

Students will ...

- write across the curriculum.
- write creatively for a variety of purposes.
- write reflective journals.
- write daily.
- demonstrate an understanding of grammar, punctuation, and syntax.

Listening

Students will ...

- develop listening and response skills while sharing projects and oral readings, plays, reader's theater, class discussions, collaborative work, etc.
- develop listening and communication skills while interacting with their second grade buddies on a regular basis.

Oral

- Students will develop confidence as oral presenters through class presentations, debates, collaborative work, and discussions across the curriculum.



MATHEMATICS

Student will...

- exercise number sense in measurement
- compare and order whole numbers and decimals
- round whole numbers and decimals
- estimate sums and differences
- learn to add, subtract, multiply, and divide decimals
- learn to add, subtract, multiply, and divide mixed numbers with decimals
- set up an equation and solve word problems
- estimate products by rounding factors
- express fractions as decimals
- learn to add, subtract, multiply and divide fractions
- learn to add, subtract, multiply, and divide mixed numbers with fractions