

Religion

Fall Semester – Units 1 & 2

During the Fall Semester, we learn about God the Father, God the Son, & God the Holy Spirit. We learn that Jesus Christ gives us the Church. We also learn about the 7 Sacraments. During this time, we delve more deeply into the Sacraments of Baptism & Confirmation. We learn about the Church Year & Ordinary Time. We then go on to learn about the Bible as the book of God's Word. We also learn about the 10 Commandments & how important it is to follow God's Laws. We proceed to prepare for the Sacrament of Forgiveness. Our school celebrates the Sacrament of Penance in the Fall semester. We end the semester by learning about the seasons of Advent & Christmas.

Spring Semester – Units 3 & 4

During the Spring Semester we learn that Jesus gives us the Eucharist. We learn that the Mass is both a meal & a sacrifice. We learn that we gather as one to celebrate the Mass. We also learn about the Liturgy of the Word & the Liturgy of the Eucharist. We learn that after Mass, we are sent to share God's love with others. Our school prepares for the celebration of the children's First Holy Communion at this time. We also learn about the season of Lent at this time. We go on to learn that God calls us to love & serve Him & that our Church lives today in our parish communities. We learn about the importance of prayer in our daily lives & how we honor Mary & the Saints. We learn about the importance of showing love & respect for all of God's creation. We end the school year by learning about the season of Easter, how to share our faith in the coming school year, & how to share our faith at home.

Social Studies

Fall Semester – Units 1-3

During the Fall Semester, we begin by reviewing map & globe skills. We then proceed to Unit 1 where we learn about people living in groups, working together, living in a community, different kinds of communities, & the importance of being a good citizen. We move on to Unit 2, where we learn about our country, the 50 states, major landforms, major bodies of water, & natural resources. We end the semester with Unit 3, where we learn about the marketplace, goods & services, agriculture, factories, needs & wants, & the concept of earning money. Many geography skills are learned throughout this semester.

Spring Semester – Units 4-6

During the Spring Semester, we begin with Unit 4 by learning about how to solve city problems, our country's government, the United States Capital, & our country's flag. We move on to Unit 5, where we learn about America's first people, the Native Americans. We also learn about European explorers & settlers, the origins of our country, the American Revolution, & the Civil War. We go on to learn about immigration & the expansion of our country. We end the semester with Unit 6. In Unit 6, we learn about special Americans, special historical places & natural landmarks, & special holidays. We also learn about the importance of our National Holidays. Additional geographical skills are taught throughout this semester as well as National historical figures.

Math

The primary focal points of mathematics in second grade are comparing and ordering whole numbers, applying addition and subtraction and using measurement processes. Students build a foundation of basic understandings in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; measurement; and probability and statistics. Students collect, organize and display data. Problem solving, language and communication, connections within and outside mathematics and formal and informal reasoning underlie all content areas in mathematics.

First Semester

Recalls basic addition and subtraction facts to 18.

Uses patterns to develop strategies to recall basic addition and subtraction facts to 18.

Apply problem solving model to solve word problems and write corresponding number sentences.

Solve subtraction problems related to addition facts.

Identifies place value through hundreds and identifies the number of hundreds, tens, and ones in a given number.

Identifies odds and evens.

Identifies ordinal numbers through twentieth.

Determines amounts of money in a collection of \$5.00.

Solves problems using two digit numbers with and without regrouping.

Uses appropriate symbols $<$, $>$, $=$, $+$, $-$.

Employs problem solving strategies such as draw a picture, make a chart, and estimation.

Second Semester

Applies appropriate units to measure time; tells time to five minutes and determines elapsed time.

Measures length and height using inches, feet, and yards.

Measures length and height using centimeters and meters.

Determines weight/mass of objects using ounces, pounds, grams and kilograms.

Determines capacity using cups, pints, quarts, gallons and liters.

Determines temperature using Fahrenheit and Celsius.

Uses concrete models to represent, compare, and order whole numbers through 1000 using numbers and symbols

Expands standard numbers to place value $200+30+9$.

Identifies attributes of shape or solid.

Cuts geometric shapes apart and identifies new shapes made.

Identifies congruent and symmetrical shapes.

Names fractional parts of a whole object and a set of objects up to 12ths.

Constructs picture and bar graphs to record data and draw conclusions based on the data.

Describes events as more or less likely.

Solves problems using three digit numbers with and without regrouping.

Models , creates, and describes multiplication situations in which equivalent sets of concrete objects are joined.

Models, creates, and describes division situations in which a set of concrete objects is separated into equivalent sets.

Science

The primary focal point of science in the second grade is identifying the components and processes of the natural world. This includes planning and conducting classroom and field investigations to determine methods of collecting information, classifying and sequencing objects and events, and identifying patterns. Students use models of objects and events as tools for understanding the natural world and showing how systems work. Students learn that science is a continual search for knowledge that is constantly changing .

First Semester Life Science

Plants

Identifies plant parts and their functions.

Identifies plant life cycle and habitats

Identifies seed growth.

Classifies plants according to characteristics.

Animals

Classifies animals according to characteristics.

Identifies life cycles (growth and change).

Identifies habitats.

Identifies prehistoric animals.

Identifies fossils and the information they provide.

Human body systems

Identifies external and internal parts of the body and their function.

Identifies and describes the five senses.

Identifies features of proper nutrition.

Identifies how the body uses food.

Identifies role of exercise in maintaining a healthy body.

Identifies necessary personal hygiene skills to maintain a healthy body.

Second Semester

Physical Science

Identifies properties and states of matter and how they can be changed.

Identifies methods of measuring matter.

Identifies mixtures and solutions.

Identifies how sound is made and how it can be changed.

Identifies sources of heat, how it is measured, and materials that are good conductors.

Identifies sources of light, how it travels, and what happens when it strikes an object.

Describes how gravity affects objects.

Demonstrates a change in motion of an object using force (push or pull).

Identifies properties of magnets.

Describes how electricity moves.

Earth Science

Identifies natural resources and how they can be used and protected.

Identifies seasonal weather conditions and their effects on plants and animals.

Describes and illustrates the water cycle.

Describes causes of day and night.

Describes features and phases of the moon.

Identifies the sun and the planets in our solar system.

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