

Fourth Grade

Religion

- Examine precepts of Church
- Identify the Evangelists
- View the Torah as the Law
- Recognize the Theological virtues of faith, hope, and love
- Model the Kingdom of God by practicing peace, justice & love
- Examine Jesus as The Way, the Truth, & the Life
- Explore The Beatitudes and the way they lead us to happiness
- Learn the feast days we honor Mary
- Recognize Mary as our model for virtue & discipleship
- Identify social sin
- Recognize that our conscience is our guide
- Explore the Ten Commandments and how they relate to daily life
- Learn the feast days associated with the Liturgical Calendar
- Learn that we have respect & honor for sacred places
- Review the seven sacraments
- Create saint reports and presentations to explore the lives of saints
- Read Bible passages related to the Ten Commandments
- Study and practice Corporal and Spiritual Works of Mercy
- Discover different groups give service such as St. Vincent de Paul and Catholic Relief Services

Math

- Recognize and define variables
- Solve for a single variable in an equation using inverse operations of addition and subtraction
- Apply number properties and order of operation rules for addition and subtraction of whole numbers to 5-digits with regrouping
- Apply number properties and order of operation rules of 4-digit by 2-digit numbers with and without regrouping
- Divide numbers up to 5-digit by 2-digit divisors
- Add and subtract fractions with like/unlike denominators
- Identify and write equivalent fractions
- Write fractions in lowest terms
- Rename improper fractions
- Compare and Order fractions and mixed numbers
- Find common factors and the GCF of 2 or more numbers
- Find common multiples and the LCM of numbers

Mission Statement

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- Add and subtract mixed numbers with unlike denominators
- Read and write decimals through hundredths
- Compare, order, and round decimals to specific places
- Add and subtract decimals through hundredths
- Round to estimate sums and differences of whole numbers to millions
- Use compatible numbers to estimate products and quotients
- Draw and label points, lines, line segments, rays and angles
- Classify lines and angles
- Identify and name a circle and its parts
- Identify and name polygons
- Interpret pictographs, bar graphs, line graphs, and circle graphs
- Read line plots
- Use customary and metric units to measure length, capacity, weight, and mass
- Read thermometers and compute temperatures
- Tell time to the minute and find elapsed time
- Add and subtract customary units of length
- Compare and order whole numbers through millions
- Predict probability of an event
- Express the probability of an event as a fraction
- Solve problems by working backward
- Solve problems using more than one step
- Solve problems by using the information in graphs and diagrams
- Solve problems by using logical reasoning and analogies
- Solve problems by using simpler numbers
- Compare and order money amounts

Language Arts

- Develop skills necessary for comprehension and identify various genres of literature
- Identify the parts of speech and practice correct usage
- Identify a variety of writing genres
- Demonstrate their knowledge of paragraph writing
- Apply the writing process when creating paragraphs and reports
- Creative writing
- Nouns as subjects, direct objects, and subject complements
- Pronouns as direct objects
- Pronoun: first/second/third person
- Pronouns in contractions
- Definite/indefinite articles

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- Double negatives, more/most, less/least, there is/there are
- Verb phrases
- Present and past participle
- Present, past, and future perfect
- Diagramming

Science

- Introduce the rock cycle
- Weathering and erosion
- Explain how soil is formed
- Understand how the water cycle is related to weather
- Explain the different types of weather
- Differentiate between different land features and how they affect the water cycle
- Read and interpret a weather map
- Predict weather when given certain conditions
- Categorize foods into food groups
- Identify foods that are “heart healthy”
- Examine choices of food that provide a balanced diet
- Name and differentiate between the inquiry tools of observations, inferences, hypothesis, etc.
- Construct models to aid in understanding of scientific principles
- Introduce the scientific method
- Formulate testable questions and explanations
- Make observations using simple tools and equipment (ruler, spring scale, thermometer, pan balance)
- Communicate the procedures and results of investigations and explanations
- Classify animals into the five kingdoms (protist, fungi, bacteria, animal, plant)
- Examine vertebrate and invertebrate characteristics
- Examine how heredity, traits, and genes are connected
- Construct a diagram and write a report showing the life cycle of an animal having metamorphosis, direct, or indirect development
- Explain how bodies help animals meet their needs through adaptation
- Investigate how behaviors help animals adapt using instinct, learned behavior, and hibernation
- Show how animals change over time can be tracked using fossils
- Examine reasons why different animals have become extinct over time
- Compare the characteristics of vascular and nonvascular plants, and fungi
- Illustrate the life cycles of plants with seeds, plants with cones, and plants from spores

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- Name plants that reproduce in ways other than seeds and spores
- Create a model of an animal cell and a plant cell and compare them
- Identify the forces acting on the motion of objects
- Describe and compare forces applied to objects in a single line
- Observe and identify friction and compare the forces required to overcome friction when an object moves over different surfaces
- Predict how the change in speed of an object is affected by the amount of force applied to an object and the mass of the object
- Explain how motion is measured and described
- Demonstrate acceleration, velocity, and speed using a ping pong ball and straw
- Examine the force of gravity and inertia
- Demonstrate how simple machines help people work (lever, fulcrum, pulley, wheel and axle, inclined plane, screw, and wedges)
- Measure, using a ruler, thermometer, spring scale, pan balance, eye dropper, hand lens, forceps, graduated cylinder
- Examine how the earth and moon move
- Describe the seasons in terms of the tilt of the Earth
- Identify the different objects in space: planets, sun, stars, comets, asteroids, meteors, moons, constellations and their relation to each other
- Compare the inner and outer planets and their characteristics

Social Studies

- Identify the six regions of the United States (environment, history, economy)
- Compare and contrast the different regions
- Research past and present Missouri history
 1. Missouri bodies of water
 2. Missouri cities
 3. Bordering states
 4. Missouri state symbols
- Discuss diversity of other cultures

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Spanish: Vocabulary

- **People:** Señor, señora, señorita, maestro (a), professor (a)
- **Classroom:** el calendario, el escritorio, la pizarra, el mapa, la regla, el reloj, la bandera, el bolígrafo
- **Feelings:** Feliz, triste, cansado
- **Body parts:** rodillas, espalda, brazo, piernas, cabeza, cara
- **Time:** mañana
- **Seasons:** primavera, verano, otoño, invierno
- **Animals:** el caballo, la vaca, el cerdo, la gallina, el gallo, el conejo.
- **Expressions:** Tengo hambre, tengo sed, tengo sueño, tengo miedo, tengo calor, tengo frío, tengo dolor
- **Weather expressions:** ¿Qué tiempo hace?
Hace: buen tiempo, mal tiempo, calor, frío, fresco, viento, sol, Llueve, nieva
- **Numbers:** 0-100
- **Clothing:** la gorra, vestido

Spanish: Communications

- Recognize orthographic differences between the singular and plural definite article with days of the week
- Respond to questions of motion using the verb *ir*
- Use the terms *hermano (a)* and *amigo (a)* orally and in a sentence
- Talk about drawings and writing tools
- Formulate negative statements and sentences

Spanish: Grammar

- Learn that a+ prepositional pronouns *mi, ti, el, and ella*, may be used in addition to the indirect object pronoun for clarification or emphasis
- Learn and recite the present tense, singular form of the verb “Comprar”
- Learn correct usage of prepositional pronouns *mi* and *ti* with the verb “Gustar”
- Learn placement of subject after the verb, when forming questions
- Understand the inverted question mark (¿) as an orthographic difference between English and Spanish
- Learn adjective for tall and short

Library

- Students will be able to locate and use reference materials including an encyclopedia, a dictionary, an atlas and a globe
- Students will demonstrate their ability to use the AR database to explore the Most Popular, What’s New, and Award Winning books
- Students will demonstrate their ability to check AR points earned

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Physical Education

Content Priorities

- Relays
- Cooperative team games
- Locomotor and nonlocomotor skill development
- Development skills for: volleyball, soccer, flag football, basketball, hockey, badminton, tennis, golf, and wiffleball

Technology and 4C Lab

Students will:

- Work on coding
- Improve upon keyboarding skills
- 3D printing
- Locate and cite appropriate, educational research
- Use Google Classroom (Google Slides, Google Docs, Google Forms, etc.)
- Design video games
- Participate in and learn about class government
- Participate in dissections

Content Priorities:

- Code.org
- Typing.com
- Utilizing the makerspace
- Tinkercad
- Ozobots
- Ollie Robots
- Sphero Minis
- Bloxels
- Green Screen app
- Scratch.mit.edu

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Art - Grade 4

DOMAIN/ SUB-DOMAINS	SPECIFIC CONTENT FOR THIS GRADE
Art Analysis Skills	<ol style="list-style-type: none"> 1. Use line in a non-objective art piece 2. Use shape to express movement and direction 3. Critique shape in art using both learned knowledge and emotional response 4. Critique texture in art using both learned knowledge and emotional response 5. Name the tertiary colors and create them in an art piece 6. Discover mobiles create form 7. Critique form in art based upon learned knowledge and emotional response 8. Identify positive and negative space in an art piece 9. Realize good design comes from the arrangement of the whole art piece
Art History	Study one artist and imitate his style of art from a list of many historical artists
Art Mediums	Tempera paint, watercolor paint, crayons, oil pastels, pencils, markers, printing ink, acrylic
Art of Other Cultures	Introduce one of the following cultural units in the spring: Egyptian, Chinese, Native American, Central American, and African
Art Terminology including elements and principles of art	Line, shape, color, texture, form, pattern, repetition, contrast, emphasis
Art Techniques	Painting, drawing, collage, printmaking, crafts, sculpture
Other	

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