

# Subject Area Content and Skills List

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## Language Arts:

### Reading

- ❖ Use word recognition skills and strategies to read and comprehend text.
- ❖ Recognize sight words.
- ❖ Read orally with fluency and expression.
- ❖ Look at an illustration and tell a story about the illustration, using a variety of descriptive words.
- ❖ Identify and use words that rhyme, start, or end with the same sound.
- ❖ Develop the ability to recognize and describe the main idea, setting, plot, supporting details, characters, conflict, and theme in a story.
- ❖ Demonstrate evidence of literal and inferential comprehension.
- ❖ Understand foreshadowing and symbolism.
- ❖ Use context as a clue to the meaning of a word or phrase.
- ❖ Sort and define words by category.
- ❖ Understand and recognize a synonym and antonym.
- ❖ Understand and recognize a homophone and homonym.
- ❖ Understand story sequence.
- ❖ Develop the ability to make inferences and draw conclusions.
- ❖ Identify cause and effect relationships.
- ❖ Expand comprehension by analyzing, interpreting, and synthesizing information in text.
- ❖ Read to learn new information, to perform a task, or to enjoy a story.
- ❖ Understand literature written in a variety of genres.
- ❖ Identify differences between fiction and non-fiction.
- ❖ Determine fact and opinion.
- ❖ Identify true and false statements.

### Spelling

- ❖ Apply spelling and phonics concepts through oral and written practice.
- ❖ Learn basic spelling rules.
- ❖ Recognize silent letters in words.
- ❖ Understand and spell abbreviations and contractions.
- ❖ Add a suffix to a word.
- ❖ Add a prefix to a word.
- ❖ Decode and spell words by breaking them into syllables.
- ❖ Understand how to read and write compound words.
- ❖ Write words in alphabetical order based on the first three letters.
- ❖ Recognize and spell plural words.

### Writing and Grammar

- ❖ Write upper and lower case cursive letters, using proper spacing between letters.
- ❖ Understand that proper nouns begin with a capital letter.
- ❖ Use pronouns correctly.
- ❖ Use conjunctions correctly.
- ❖ Identify and write compound words.
- ❖ Identify nouns and verbs; use correct subject-verb agreement.
- ❖ Understand how to write and use possessive nouns.
- ❖ Identify the adjective that describes the noun.
- ❖ Compare nouns using comparative and superlative adjectives.
- ❖ Identify and use past, present, and future verb tenses properly.
- ❖ Learn how to gather information to use as a writing tool for research and inquiry.

- ❖ Write an outline using correct format.
- ❖ Understand that a sentence begins with a capital letter and ends with a punctuation mark.
- ❖ Identify types of sentences: statement, question, exclamation, command.
- ❖ Recognize the difference between phrases and sentences.
- ❖ Write dictated words and sentences.
- ❖ Write a paragraph or story about a designated topic.
- ❖ Fill in missing words in sentences.
- ❖ Use proper punctuation in writing.
- ❖ Use a graphic organizer to organize main ideas and supporting details.
- ❖ Understand and use a writing process.
- ❖ Write a title page and a simple bibliography.
- ❖ Write in a variety of forms for different audiences and purposes.
- ❖ Write clearly and effectively.
- ❖ Describe people, places, things, and events with relevant details.
- ❖ Recognize alliteration, personification, similes, and metaphors.
- ❖ Analyze and evaluate the effectiveness of written work.
- ❖ Learn about famous authors and their style of writing.

#### Communication

- ❖ Use listening and observation skills and strategies to gain understanding.
- ❖ Use communication skills and strategies to interact and work effectively with others.
- ❖ Write statements or questions for a story, card, or interview.
- ❖ Demonstrate the ability to express an opinion, or present ideas in a variety of situations.
- ❖ Use transitional words and phrases to connect ideas.
- ❖ Use effective vocabulary and logical organization to relate or summarize ideas.
- ❖ Participate in dramatic play.
- ❖ Recite and memorize poems and Bible verses.
- ❖ Follow a set of multi-step directions.
- ❖ Describe the location of one object relative to another object using prepositional words.
- ❖ Understand the meaning of an idiom.
- ❖ Complete word analogies.

## Mathematics:

#### Whole Numbers and Sets

- ❖ Count by twos, threes, fours, fives, and tens from 1-100 by memory.
- ❖ Count by hundreds to one thousand.
- ❖ Recognize, read aloud, and write the numerals in order from 0 to 1,000.
- ❖ Understand and identify place value for each digit in numbers to 1,000.
- ❖ Apply expanded notation to model place value through 999.
- ❖ Identify the value of Roman numerals.
- ❖ Identify even and odd numbers.
- ❖ Identify a number that comes after a given number.
- ❖ Identify a number that comes before a given number.
- ❖ Identify a number that comes between two given numbers.
- ❖ Identify one, ten, one hundred, and one thousand more than a given number.
- ❖ Round numbers to the nearest ten, hundred, and thousand.
- ❖ Write numbers in expanded form.
- ❖ Estimate sums and differences up to 100.
- ❖ Continue to develop the ability to understand and use ordinal numbers, first through twelfth.
- ❖ Apply ordinals to daily experiences.
- ❖ Use comparison symbols (<, =, >).
- ❖ Use a calculator to add, subtract, multiply, and divide sets.
- ❖ Use a map scale to convert inches to feet.

## Patterns and Operations: Algebraic Thinking

- ❖ Compare numbers up to 100.
- ❖ Review addition facts 0-20.
- ❖ Review subtraction facts 0-20.
- ❖ Write addition and subtraction fact families.
- ❖ Use the inverse relationship between addition and subtraction to check answers.
- ❖ Use manipulatives to model and solve multiplication problems.
- ❖ Learn multiplication facts 0-10.
- ❖ Learn division facts 1-10.
- ❖ Use manipulatives to model and solve division problems.
- ❖ Understand that multiplication and division are inverse operations.
- ❖ Copy, extend, describe, and create simple repetitive patterns.
- ❖ Identify a missing symbol in a repeating pattern.
- ❖ Identify a missing number in a sequence.
- ❖ Use variables in contextual situations.
- ❖ Solve for a variable in an equation.
- ❖ Identify a function rule.
- ❖ Write numbers in expanded form and written form.
- ❖ Add five single-digit addends without and with regrouping.
- ❖ Add, subtract, multiply, and divide two- and three-digit numbers.
- ❖ Use addition and subtraction within 100 to solve one- and two-step word problems.
- ❖ Recognize and apply the Associative Property of Addition.
- ❖ Recognize and apply the Associative Property of Multiplication.
- ❖ Recognize and apply the Commutative Property of Addition.
- ❖ Recognize and apply the Commutative Property of Multiplication.
- ❖ Recognize and apply the Identity Property of Multiplication.
- ❖ Recognize and apply the Zero Property of Multiplication.

## Geometry

- ❖ Identify, name, and describe polygons.
- ❖ Identify angles, vertices, and sides.
- ❖ Identify, name, and describe solids.
- ❖ Identify the interior and the exterior of a shape.
- ❖ Find the area of a regular and an irregular shape.
- ❖ Find the perimeter of a regular and an irregular shape.
- ❖ Find the volume of a solid.
- ❖ Identify and draw congruent shapes, lines, or line segments.
- ❖ Identify and draw horizontal and vertical line segments.
- ❖ Identify and draw parallel and perpendicular line segments.
- ❖ Identify the diameter, radius, and circumference of a circle.
- ❖ Construct and name angles.
- ❖ Identify right angles.
- ❖ Combine geometric shapes to make new shapes.
- ❖ Sort shapes and explain the sorting rule.
- ❖ Classify objects according to color, shape, size, function, likeness, and differences.
- ❖ Identify and draw a line of symmetry.
- ❖ Identify similar shapes.
- ❖ Recognize and draw an acute, obtuse, and right angle.
- ❖ Create symmetrical designs.
- ❖ Recognize or draw the reflection of a shape.

## Measurement and Estimation

- ❖ Use a ruler to measure inches, feet, yards, and centimeters.
- ❖ Draw line segments to the nearest  $\frac{1}{4}$  inch.
- ❖ Draw line segments to the nearest centimeter.
- ❖ Order objects by length or height.
- ❖ Use digital and analog clocks to tell, write, and show time to the nearest minute.
- ❖ Identify a.m. and p.m.
- ❖ Identify noon and midnight.
- ❖ Order events by time.
- ❖ Compare events according to duration.
- ❖ Solve problems using a calendar.
- ❖ Write the date using digits.
- ❖ Represent numbers on a number line.
- ❖ Read a Fahrenheit thermometer.
- ❖ Identify units of capacity: cup, pint, quart, gallon, milliliter, liter, teaspoon, and tablespoon.
- ❖ Make direct comparisons using measurable attributes such as length, weight, and capacity.
- ❖ Understand that one task may take more or less time to accomplish than another task. Make an estimate and experiment to test the estimate.
- ❖ Understand that one item may weigh more or less than another item. Make an estimate and experiment to test the estimate.
- ❖ Understand that one item may hold more or less than another item. Make an estimate and experiment to test the estimate.
- ❖ Draw a diagram to scale.
- ❖ Recognize a scale factor.

## Reasoning, Problem Solving, and Communication

- ❖ Make predictions.
- ❖ Use simple logic to solve a problem.
- ❖ Use simple logic to solve a mathematical word problem.
- ❖ Describe how the problem was solved.
- ❖ Determine whether a solution to a problem is reasonable.
- ❖ Identify the questions asked in a problem.
- ❖ Recognize when additional information is required to solve a problem.

## Money

- ❖ Identify pennies, nickels, dimes, quarters, and dollar bills.
- ❖ Find the value of a set of coins.
- ❖ Compare monetary amounts using an inequality symbol.
- ❖ Select coins for a given amount.
- ❖ Pay for items and make change using coins and bills.
- ❖ Add and subtract money amounts using a decimal to represent the monetary values.
- ❖ Compare monetary values and determine if one set is equal to, greater than, or less than the other set.
- ❖ Solve word problems using money.

## Fractions

- ❖ Make models that represent given fractions.
- ❖ Recognize one-half, one-third, and one-fourth of a given whole.
- ❖ Write a fraction to show a part of a whole.
- ❖ Compare fractions.
- ❖ Identify equivalent fractions.
- ❖ Identify numerator and denominator.
- ❖ Locate rational numbers on a number line.
- ❖ Represent and write mixed numbers.

## Statistics and Probability

- ❖ Conduct a survey.
- ❖ Collect, sort, and tally data.
- ❖ Find the range, mean, median, and mode of a set of data.
- ❖ Solve problems using graphs, charts, and tables.
- ❖ Make an inference, and experiment to test the inference.
- ❖ Predict the most likely or least likely outcome in a probability experiment.
- ❖ Make arrangements that represent the number of possibility combinations of items from a set.

## Graphing

- ❖ Use simple picture graphs, bar graphs, circle graphs, tables, and charts to solve problems and record information.
- ❖ Compare information and draw conclusions using graphs.
- ❖ Collect, organize, describe, and display data using Venn diagrams.
- ❖ Graph coordinates on a coordinate plane.

## Social Studies:

- ❖ Know name, address, and phone number.
- ❖ Identify city, state, and country of residence.
- ❖ Understand that people are special to God and have feelings.
- ❖ Recognize and learn about the Western states.
- ❖ Recall state capitals.
- ❖ Learn about the history of the Olympics.
- ❖ Learn about historical figures.
- ❖ Learn about United States history: the Cold War, the Civil War, the American Revolution.
- ❖ Understand and apply how maps and globes are used to display regions of the world.
- ❖ Use maps and photos to identify and locate major landmarks or major physical features of the United States.
- ❖ Apply basic economic principles.
- ❖ Understand how people make economic choices and stay within a budget.
- ❖ Differentiate between goods and services.
- ❖ Classify materials as natural resources, capital resources, or human resources.
- ❖ Understand how cultural contributions of various groups have shaped the history of the world.
- ❖ Compare and contrast pioneer lifestyle to today.
- ❖ Learn the characteristics of a rural community.
- ❖ Compare and contrast communities.
- ❖ Recognize contributions of famous missionaries.
- ❖ Recognize and learn about other continents.
- ❖ Understand how the environment affects cultural groups.
- ❖ Understand how individuals within a community work together for the good of the community.
- ❖ Characterize qualities of good citizenship.
- ❖ Place events in chronological order on a timeline.

## Science:

- ❖ Identify the parts of a grasshopper.
- ❖ Understand that God gives animals instincts which help them survive.
- ❖ Understand that plants and animals progress through life cycles of birth, growth and development, reproduction, and death; the details of these life cycles are different for different organisms.
- ❖ Know that distinct environments support the life of different types of plants and animals.
- ❖ Classify objects.
- ❖ Learn about types of weather.
- ❖ Use a barometer to predict weather.
- ❖ Demonstrate refracted light, and produce a rainbow.
- ❖ Grow crystals.

- ❖ Understand that the world was created by God, and how we should take care of it.
- ❖ Explore the world through observation and experimentation.
- ❖ Make predictions and draw conclusions based on patterns or evidence.
- ❖ Understand the importance of healthy living.
- ❖ Recall the four food groups, and evaluate diet for good nutrition.
- ❖ Apply physics principles: potential and kinetic energy, inertia, force, friction.
- ❖ Observe and apply Newton's Laws of Motion.
- ❖ Discover how water pressure affects the flow of water.
- ❖ Learn about Asian animals.
- ❖ Draw a diagram of a spider, and label its body parts.
- ❖ Construct a model of an orb web.
- ❖ Create a simple pendulum, and understand the forces that cause a pendulum to swing.
- ❖ Recognize the characteristics and habitats of various types of animals.
- ❖ Use a scientific method.
- ❖ Recognize and create simple and compound machines.
- ❖ Learn about peanut plants and their uses.
- ❖ Understand the process of a water cycle.

## Physical Development and Fitness:

- ❖ Develop small motor skills as developmentally appropriate: copy patterns, gluing, using scissors/pencils/crayons.
- ❖ Develop large motor skills as developmentally appropriate: footwork, jogging, running, chasing, dodging, hopping, skipping, galloping, throwing/bouncing/catching/rolling/kicking/hitting a ball, dancing, tumbling, balancing, playing games.
- ❖ Demonstrate understanding of movement concepts and strategies as they apply to physical activities.
- ❖ Participate in regular physical activity.
- ❖ Play a Native American hand game.
- ❖ Acquire skills to live safely and reduce health risks.
- ❖ Learn about allergies and anaphylaxis.
- ❖ Understand the relationship of nutrition to body composition and physical performance.

## Fine Arts:

- ❖ Continue to develop a basic music vocabulary.
- ❖ Demonstrate dynamics and tempo.
- ❖ Listen to and sing various types of music: patriotic, folk, seasonal, spirituals.
- ❖ Continue to improve coordination and express creativity through motions that keep time with music.
- ❖ Develop an ability to understand a song's message.
- ❖ Repeat rhythmic patterns using clapping or instruments.
- ❖ Perform written rhythmic patterns: whole note/rest, quarter note/rest, half note/rest, eighth note.
- ❖ Create a rhythmic composition.
- ❖ Continue to develop a basic art vocabulary.
- ❖ Draw objects from different perspectives.
- ❖ Understand the concept of symmetry and create symmetrical designs.
- ❖ Continue to develop small motor skills through cutting, gluing, painting, and folding.
- ❖ Use the color wheel to identify and use secondary colors.
- ❖ Identify and use color contrast.
- ❖ Identify and use warm and cool colors.
- ❖ Identify and use texture.
- ❖ Paint in the style of Pointillism.
- ❖ Look at and appreciate various works of art.
- ❖ Compare art from various cultures.
- ❖ Use various techniques and mediums to create original art.

## Character Development/Bible:

- ❖ Demonstrate cooperation in a group game.
- ❖ Discuss ways to speak openly about your faith.
- ❖ Understand and explain the importance of major Christian holidays.
- ❖ Recognize well-known characters from the Bible.
- ❖ Recognize well-known stories and parables from the Bible.
- ❖ Continue to develop biblical character traits.
- ❖ Memorize scripture passages.