

KEY LEARNINGS: FIRST GRADE

BIBLE

Belonging to His Family:

1. Understand that studying the Bible leads to understanding God
2. Begin to be familiar with the way the Bible is organized
3. Identify the "three-in-one" members of the God family, and their individual ministry
4. Understand that God is worthy of adoration and trust
5. Know that God is the creator, and still loves and cares for individuals
6. Understand that before the Fall, Adam and Eve lived in the perfect light of God's presence
7. Know that eternal death is the consequence of sin
8. Identify spiritual gifts given to Old Testament Bible characters
9. Know the story of how the Seventh-day Adventist church began
10. Understand the importance of being an active witness for Jesus
11. Understand Jesus will reunite all families who love Him

The Heavenly Family, Families of the Bible and the Church

LANGUAGE ARTS

Extended Reading and Writing

- * Meet teacher/student set goals for reading at home and school
- * Understand concept of print: front/back, top/bottom, left/right, word, title, different punctuations
- * Recognize and read grade appropriate sight words
- * Read silently for pleasure
- * Recognize and write first and last names
- * Meet teacher/student set goals for writing
- * Print from left to right
- * Correctly form numbers 0-9
- * Write legibly in manuscript with proper form and size

Comprehending, Studying, and Evaluating Ideas

- * Sequence events
- * Generate titles for writing
- * Write stories based on predictable text
- * Retell or take notes using story structure
- * Analyze and compare characters and issues
- * Write paragraphs with main ideas and details

Reference Skills

- * Alphabetize words by first letter

Word Study

- * Recognize rhyming words
- * Write upper and lower case letters
- * Recognize alphabet sequence
- * Hear, read, and write words with initial sounds
- * Hear, read, and write words with diagraphs
- * Recognize sound-letter associations

- * Recognize and read CVC words
- * Read and spell short vowel words
- * Read, spell and write words with silent e
- * Read, spell and understand base words with inflectional endings: -ed, -ing, silent e based words, CVC base words

- * Read and write plurals: -s and -es
- * Divide words into syllables

Sentence Skills

- * Edit for ending: periods, question marks
- * Edit for capitalization: beginning of sentences, names, I
- * Edit for subject-verb agreement
- * Edit for possessives

MATH

Number and Operations

- * Count, write and understand numbers 0 to 100
- * Count by twos, fives, tens and twenty-fives to 100
- * Skip count by tens e.g. 17, 27, 37 ...
- * Connect numbers to the qualities they represent using various models and representations
- * Understand place value of tens and ones
- * Explore the concept of zero
- * Compare numbers using symbols $>$, $<$ and $=$
- * Understand the meaning of addition and subtraction and relate to appropriate symbols
- * Understand basic addition and subtraction fact families
- * Develop a counting strategy for addition and subtraction facts to 20
- * Memorize addition with sums to 12 and related subtraction facts
- * Add and subtract 1- and 2-digit numbers, with no renaming
- * Understand basic fractions, e.g. halves, thirds and fourths
- * Read number words to ten
- * Understand and use a number line

Algebra

- * Recognize and express expanding and repeating math patterns - orally and with manipulatives
- * Identify properties of patterns; create and describe using letters and symbols
- * Use variables and open sentences to express relationships e.g. missing numbers in number sentences using symbols to represent missing numbers
- * Use the commutative property and solve number sentences with numbers and symbols

Geometry

Measurement

- * Identify and recognize various measurable attributes of an object
- * Estimate and measure length, weight, volume and mass using nonstandard and standard units
- * Compare objects in terms of length, area, capacity and weight
- * Recognize and explain the need for measuring tools and fixed units
- * Order sequence of events with respect to time, e.g. seasons; morning, afternoon, night; o'clock
- * Know the number of minutes in an hour
- * Tell time to the hour and half hour using both digital and analog clocks
- * Identify pennies, nickels, dimes, quarters, half-dollars and dollars
- * Determine the value of a set of coins to \$1.00

- * Determine the equivalent value of coins to \$1.00 e.g. 10 dimes, 4 quarters, etc.
- * Know and name the twelve months of the year

Data Analysis and Probability

- * Use whole number units to construct graphic representations
- * Understand information represented in simple bar graphs, line graphs and pictographs
- * Collect first-hand information by conducting surveys, measuring & performing simple experiments
- * Collect and organize data into charts using tally marks

PHYSICAL EDUCATION

Spiritual Emphasis

- * Enjoy interaction with friends through physical activity
- * Express feelings about and during physical activity
- * Recognize that God's ideal for quality living includes a healthy lifestyle
- * Incorporate into one's lifestyle the principles that promote health: nutrition, exercise, water, sunlight, temperance, air, rest, trust in God
- * Avoid at-risk behaviors
- * Apply Christian principles in recreation and sports
- * Achieve a balance in work and leisure; balancing physical, mental, social and spiritual activities
- * Recognize the interaction of physical, mental and spiritual health with emotional and social well-being

Movement and Motor Skills

- * Demonstrate mature form in skipping, hopping, galloping and sliding
- * Demonstrate mature patterns in simple combinations, e.g. dribbling a ball while running
- * Demonstrate smooth transitions between sequential motor skills, e.g. running into a jump
- * Exhibit the ability to adapt and adjust movement skills to uncomplicated, yet changing, environmental conditions and expectations, e.g. tossing a ball to a moving partner, rising and sinking while twisting, using different rhythms
- * Demonstrate control in traveling activities (e.g. skipping, hopping, running) and weight bearing and balance activities on a variety of body parts
- * Identify the critical element/s (technique/s) of basic movement patterns
- * Apply movement concepts to a variety of basic skills
- * Use feedback to improve performance

Lifestyle and Fitness

- * Experience and express pleasure from participation in physical activity
- * Identify at least one activity associated with each component of health-related physical activity, e.g. flexibility, muscular endurance, muscular strength, cardio-vascular endurance and body composition
- * Engage in sustained physical activity that causes an increased heart rate and heavy breathing
- * Recognize the physiological indicators that accompany moderate to vigorous physical activity, e.g. sweating, increased heart rate, heavy breathing
- * Know how to measure heart rate
- * Identify the components of health-related physical fitness
- * Gain competence which will provide increased enjoyment in movement
- * Try new activities

Sportsmanship and Appropriate Behaviors

- * Apply rules, procedures and safe practices with little or no reinforcement
- * Follow directions
- * Work cooperatively with others to complete an assigned task
- * Play and cooperate with others regardless of personal differences, e.g. gender, ethnicity, disability
- * Treat others with respect during play
- * Resolve conflicts in socially acceptable ways

* Practice Christ-like principles in interactions with others

SCIENCE

Life:

1. Describe the life cycle of animals
2. Describe characteristics of amphibians, reptiles, birds and fish
3. Describe traits common to all animals

Living Things

Health:

1. Identify important personal values
2. Understand the importance of making appropriate decisions based on personal values
3. Understand that God's love is unconditional
4. Identify emotions and share feelings in appropriate ways
5. Use habits and practices that affect family health
6. Explain God's plan for family units

Mental, Emotional, and Family Health

Physical:

1. Define heat and how it affects matter
2. Define conduction and convection
3. Define energy and a wave
4. Describe the features of waves
5. Explain how sound is produced
6. Analyze how sound travels
7. Identify the speed of light
8. Explain how light absorption affects the color of objects
9. Explain how a laser works
10. Describe how a sound wave is different from a light wave

Heat, Energy/Waves, Sound, Light

Earth:

1. Define meteorology, basic weather symbols and instruments
2. Identify elements of weather
3. Explain how land forms and large bodies of water affect climate
4. Explain the change of seasons
5. Describe the water cycle including precipitation, condensation, and cloud formation
6. Show examples of the earth's atmosphere
7. Understand God as the Creator and Sustainer of the Universe

Meteorology (Weather Elements, Climate, Seasons, Atmosphere, Water Cycle)

Scientific Inquiry:

1. Make observations
2. Ask questions or form hypotheses based on these observations
3. Plan a simple investigation
4. Collect data from the investigation
5. Use the data collected from the investigation to explain the results
6. Safely use and store tools and equipment

May be included in each unit of study

Service and Career Options

- * Explore ways to use Life, Health, Physical and/or Earth Science to serve the community
- * Identify careers in areas of science

History SOCIAL STUDIES

SOCIAL STUDIES

Chronological Thinking:

1. Sequentially order school events

Historical Knowledge:

1. Compare past and present family and daily life
2. Identify celebrations and holidays
3. Listen to and retell stories about people in the past

Civics and Government

Foundations of Government:

1. Give examples of people who make and enforce rules

Functions of Government:

1. Identify rules and laws and why they exist

Roles of Citizens:

1. Recite and explain the meaning of the Pledge of Allegiance
2. Understand that voting is a way of making decisions
3. Explain the national and patriotic symbols of your country
4. Identify civic virtues that are needed to be a good citizen

Geography

Maps, Globes, and Graphics:

1. Describe differences between a map and a globe
2. Understand how to read a simple map

Places:

1. Locate your country on a globe
2. Learn home address

Climate:

1. Describe effects of seasonal changes
2. Identify types of weather

Natural Resources and Environment:

1. List examples of natural resources
2. Tell how resources are gifts from God

Economics

Work and Workers:

1. Identify the specialized work that people do
2. Acquire knowledge, attitudes, and skills essential to meeting family responsibilities

Commerce:

1. Understand that workers earn money to provide needs and wants
2. Explain why wanting more than they can have requires that people make choices

Stewardship:

1. Describe and illustrate the value of tithing and returning offerings

Individuals, Society, and Culture

Individual:

1. Understand the importance of developing a personal relationship with Christ
2. Understand the importance of fairness and honesty
3. Recognize that we are all God's children

Society:

1. Respect the similarities and differences in families

Culture:

1. Understand the celebration of holidays

Mission/Outreach:

1. Participate in age appropriate outreach/service projects

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FIRST GRADE, TECHNOLOGY

2009-2011

TECHNOLOGY

- * Demonstrate proper use and care of computers
- * Begin learning basic keyboarding and computer terms
- * Use computers to express ideas with drawing and word processing software
- * Learn about the role of technology in business and the home
- * Learn about technology related occupations
- * Practice courtesy and sharing of computer time