

KEY LEARNINGS: THIRD GRADE

2009-2011

BIBLE

Accepting His Plan: The Plan of Redemption, God's plan for the Church and for the individual

- Understand the importance of studying scripture in daily life
- Know who the "three-in-one" members of the God-family are and their individual roles
- Understand that God and the angels He created lived in heaven in perfect harmony before sin
- Understand that sin and its effects are the result of the universal conflict between God and Satan
- Know that death is a consequence of sin, but God has the power to raise the dead from their graves
- Explain Jesus' role as Messiah, Savior and Redeemer in the plan of salvation
- Know that Christians are part of God's family and have a responsibility to witness/serve others
- Understand that all people are equal in God's sight and are accepted into the Family of God
- Know how God has worked in history to preserve the Christian church
- Understand that each person has spiritual gifts and talents
- Know that the power to make right choices is provided by grace
- Understand that Jesus is coming back for all who have chosen to follow Him and will live with Him through eternity

FINE ARTS

Art - Consult the *NAD Fine Arts Curriculum Guide* for suggested activities to meet these objectives.

- Use different media, techniques and processes to communicate ideas, experiences and stories
- Know the differences among visual characteristics and purposes of art in order to convey ideas
- Select and use subject matter, symbols and ideas to communicate meaning
- Know that the visual arts have both history and specific relationships to various cultures
- Identify specific works of art as belonging to particular cultures, times and places
- Describe how people's experiences influence the development of specific artworks
- Identify connections between the visual arts and other disciplines in the curriculum

Music

- Recognize and write eighth notes and rests
- Recognize major and minor tonality (sounds)
- Use introduction, interludes, codas
- Recognize AABB and AABA patterns
- Know meaning of signs *p*, *mp*, *mf* and *f*
- Identify different solo voices
- Identify music styles from different countries
- Learn to use the hymnal index

LANGUAGE ARTS

Extended Reading and Writing

- Recognize and read grade appropriate sight words
- Read silently for pleasure
- Write an autobiography
- Write for the purpose of thanking
- Write descriptions and personal experiences in sequence
- Write stories and picture stories
- Write poetry
- Write for the purpose of researching
- Write a newspaper article
- Write to express opinion
- Use the writing process
- Write plays

Comprehending, Studying, and Evaluating Ideas

- Develop two-column notes and charts
- Use number notes, concept maps, and visual media

THIRD GRADE, LANGUAGE ARTS continued

2009-2011

- Use picture clues to: read a story, predict unknown words, understand content and gain meaning
- Determine meaning of unfamiliar words and phrases
- Develop level-appropriate vocabulary through the use of context clues and resource materials
- Develop main idea outlines using number notes with topics and details
- Write summaries
- Analyze, compare, and contrast character traits
- Analyze main ideas using concept maps
- Distinguish between fact and opinion
- Assess by opinion-proof notes and persuasive paragraphs
- Write questions for discussion about content of literature and visual media
- Develop main idea outlines
- Create visual media to differentiate real and imaginary information
- Analyze main ideas of visual media
- Write paragraphs with main ideas and details
- Underline selectively
- Understand bias in media messages and products
- Identify and describe specific thoughts and feelings from visual media
- Analyze author's craft
- Sequence events through pictures, notes, timelines, charts and paragraphs

Reference Skills

- Use library references
- Alphabetize by second letter and beyond
- Use a dictionary

Word Study

- Read words with short vowel patterns and high frequency words
- Read and write words with silent e
- Read and write two-syllable words
- Divide words into syllables
- Read, spell, write words with hard and soft c and g
- Write one and two-syllable words with ai, ay, ee and ea
- Recognize the use of repeated sounds in literature
- Decode and write words containing diphthongs
- Read, spell, and write verb endings
- Identify, choose, and write the correct forms of the verb be with and without helping verbs
- Form contractions using not
- Use *a*, *an*, and *the* correctly
- Read and spell words with r-controlled vowel patterns
- Read, spell, and write antonyms, synonyms, and homophones

Sentence Skills

- Understand word and sentence order
- Indent paragraphs
- Edit for capitalization
- Edit for punctuation
- Edit for commas in dates, series, greetings and closings of a letter
- Use abbreviations
- Identify and use parts of speech
- Identify and use verbs and adverbs
- Recognize and edit correct verb tenses
- Identify and use pronouns
- Understand common and proper nouns
- Edit for usage
- Identify different kinds of sentences
- Write clear, concise, correct, varied, and complete sentences
- Use new vocabulary in concept maps, sentences, and discussions

MATH**Number and Operations**

- Understand and describe place value to the ten-thousands place
- Design and label number lines appropriate to the situation
- Compare and order numbers through 10,000
- Skip count by threes, e.g. 1, 18, 21, 24...
- Understand the commutative property of addition and multiplication
- Understand the zero property of multiplication
- Understand the meaning of the decimal point
- Understand the concept of tenths written as a decimal
- Understand the meaning of multiplication and division
- Know the multiplication and division fact families
- Know multiplication and corresponding division facts
- Add and subtract numbers up to four digits with and without renaming
- Multiply mentally by 10 and 100
- Multiply and divide 2-digit number by a 1-digit number
- Divide a 2-digit number by a 1-digit number with remainder
- Understand the meaning and structure of fractions between zero and one
- Understand and write simple mixed numbers
- Compare fractions with like denominators
- Add and subtract fractions with like denominators
- Add and subtract money
- Use strategies to estimate the results of whole number computations

Algebra

- Analyze mathematical sequences with and without a calculator
- Use patterns to make predictions, solve problems and identify relationships
- Understand and explain mathematical relationships in equations and inequalities
- Solve equations and inequalities
- Identify such properties as commutative, and associative - use to compute with whole numbers
- Understand and use grouping symbols e.g. $8 + 6 = 8 + (2 + 4)$

Geometry

- Explore congruence and similarity
- Add to find perimeter
- Count squares to find area
- Count cubes to determine volume
- Create models of 2-dimensional objects
- Investigate simple nets
- Analyze/describe 2- and 3-dimensional objects using terms: vertex, edge, angle, side, face
- Find and name locations on a labeled grid or coordinate system
- Identify shapes that can be put together to make a given shape, e.g. tangrams

Measurement

- Use correct measurement vocabulary
- Explain and measure temperature using Celsius and Fahrenheit scales
- Read and understand a simple time line
- Measure length, weight, volume using metric and US customary units to nearest $\frac{1}{2}$ unit as appropriate
- Using appropriate tools, draw a line or shape with specified measurements
- Count money up to \$10.00
- Understand attributes of second, minute, hour
- Tell time to the minute, before or after the hour, using analog and digital clocks
- Measure elapsed time using a calendar or clock
- Read and understand a calendar using day, week, month and year
- Count weeks before and after certain dates on the calendar

Data Analysis and Probability

- Organize and interpret data using line graphs
- Construct graphs using data from a table
- Discover patterns in tables and graphs by creating, organizing, recording and analyzing data
- Formulate questions and categories for data collection and actively collect first-hand information
- Describe the shape and important features of a set of data and compare related data sets, with an emphasis on how the data are distributed

PHYSICAL EDUCATION**Spiritual Emphasis**

- 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 all locomotor patterns and selected manipulative and non-locomotor skills
- Adapt a skill to the demands of a dynamic, unpredictable environment
- Acquire beginning skills of a few specialized movement forms
- Combine movement skills in applied settings
- Apply critical elements to improve personal performance in fundamental and selected specialized motor skills
- Use critical elements of fundamental and specialized movement skills to provide feedback to others
- Recognize and apply concepts that impact the quality of increasingly complex movement performance

Lifestyle and Fitness

- Select and participate regularly in physical activities for the purpose of improving skill and health
- Identify the benefits derived from regular physical activity
- Identify several moderate to vigorous physical activities that provide personal pleasure
- Identify several activities related to each component of physical fitness
- Associate results of fitness testing to personal health status and ability to perform various activities
- Meet the health-related fitness standards as defined by a fitness testing program
- Experience enjoyment while participating in physical activity
- Enjoy practicing activities to increase skill competence
- Interact with friends while participating in group activities
- Use physical activity as a means of self-expression

Sportsmanship and Appropriate Behaviors

- Follow, with few reminders, activity-specific rules, procedures and etiquette
- Utilize safety principles in activity situations
- Work cooperatively and productively with a partner or small group
- Work independently and on-task for a specified period of time
- Explore cultural/ethnic self-awareness through participation in physical activity
- Recognize the attributes that individuals with difference can bring to group activities
- Experience differences and similarities among people of different backgrounds by participating in activities of national, cultural and ethnic origins

SCIENCE**Life:** Animals, Arthropods, Arachnids, Genetics

- Describe the basic needs of living things
- Describe the life cycle of animals
- Identify factors that all animals need to survive
- Explain food chains and food webs and identify producers and consumers in an ecosystem
- Classify organisms according to characteristics that are similar and different
- Identify inherited traits and diseases

Health: Drugs, Health Principles, Biblical Principles, Natural Laws, Human Sexuality

- Understand drug abuse is harmful to health
- Identify healthful and harmful drugs and their affects
- Understand the proper use and value of medicines
- Understand that God has provided guidelines (natural laws) to keep us healthy
- Exhibit life style choices consistent with Biblical principles

Physical: Force, Friction/Gravity/Inertia, Motion

- Define force and friction and explain how they affect movement
- Define gravity and describe how it affects matter
- Compare the gravitational attraction of objects of varying mass
- Define inertia and describe its effects
- Describe how forces affect the motion of objects

Earth: Origin of the Universe, Astronomy, Solar System

- Identify God's role in the creation of the universe
- Understand the purpose of God's law and order in the universe
- Define astronomy
- Describe the space program
- Identify the members of the Solar System
- Describe the sun's affect on planet earth
- Describe the moon's phases
- Define asteroids, meteors, comets, and constellations

Scientific Inquiry: May be included in each unit of study

- Make observations
- Ask questions or form hypotheses based on these observations
- Plan a simple investigation
- Collect data from the investigation
- Use the data collected from the investigation to explain the results
- Safely use and store tools and equipment

Service and Career Options

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

SOCIAL STUDIES**History**

Chronological Thinking:

- Develop an understanding of time
- Measure calendar time by days, weeks, months, and years

Historical Knowledge:

- Identify Native Peoples in the local area
- Explain how the local community was established and identify founders and early settlers
- Read Bible and church history stories
- Explain the history of community traditions

Civics and Government

Foundations of Government:

THIRD GRADE, SOCIAL STUDIES continued

2009-2011

- Explain the importance of good citizenship
- Identify fundamental democratic principles and ideals in songs, stories, and symbols
- Show how the Ten Commandments relate to the laws of a country

Functions of Government:

- Describe the basic structure of government
- Describe how laws are made, applied, and enforced

Roles of Citizens:

- Exhibit tolerance and respect for individuals with different beliefs
- Explain the meaning of national and patriotic symbols

Geography

Maps, Globes, and Graphics:

- Use a variety of maps
- Learn important geographical terms
- Use a compass and recognize the basic directions

Places:

- Identify the features of the region in which your community is located

Climate:

- Show how climate affects vegetation and animal life in your region

Natural Resources and Environment:

- Identify sources and results of pollution
- Describe renewable and nonrenewable resources

Economics

Work and Workers:

- Recognize the role of useful work in personal development and maintaining self-worth

Commerce:

- Explain that buyers and sellers interact to determine the prices of goods and services
- Describe the ways in which local producers use natural, human, and capital resources to produce goods and services

Stewardship:

- Describe and illustrate the value of tithing and returning offerings

Individuals, Society, and Culture

Individual:

- Understand the importance of developing a personal relationship with Christ
- Understand the importance of cooperation and sharing

Society:

- Understand how God works through people to help make the community a better place

Culture:

- Identify local and national holidays and understand the reasons they are celebrated
- Identify factors that make the local community unique

Mission/Outreach:

- Participate in community service or mission projects

TECHNOLOGY

- Demonstrate proper use and care of computers and other audio-visual equipment
- Practice using the keyboard
- Become familiar with proper computer terms
- Use computers to express ideas with drawing, multi-media and word processing software
- Learn file management
- Learn about technology related occupations and use in everyday life
- Use appropriate input/output devices
- Begin troubleshooting for basic malfunctions
- Become aware of copyright issues
- Practice courtesy and respecting of computer time