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Independence Christian School

**Elementary
Guide to Curriculum**

2011-2012

Kindergarten Objectives

Language Arts

Phonics and Reading

- Recognition of name, sound, and picture of long and short vowels and consonants
- Sounding of blends, one and two vowel words and consonant blend words
- Beginning of phonics and spelling rules
- Reading of sentences and stories with one and two vowel words, consonant blends and special sound words from nine books

Manuscript Writing

- Letters, blends, words and sentences
- First and last name

Language

- Recognition of sentences by capital letters and periods

Science

Plants

- God's Plan for Seeds

Animals

- God's Plan for Animals
- God's Plan for the Seashore

Health and Human Biology

- God's Plan for Me

Earth and Space

- God's Plan for Weather
- God's Plan for Seasons

Arithmetic

- Number recognition, counting and writing, 1-100
- Number concepts 1-100
- Counting and writing by: twos, fives and tens to 100
- Value of penny and dime
- Telling time - Addition facts through 10

1st Grade Objectives

Language Arts

Phonics and Reading

- Review of vowels, consonants, blends, one and two-vowel words, consonant blends
- Recognition and use of all phonics rules in reading
- Spelling rules, doubling consonants, dropping silent e, changing y to i
- Oral Reading

Manuscript Writing

- Review of letter formation three spaces high
- Daily seatwork practice in all academic areas
- Beginning of cursive writing
- Spelling
 - Weekly phonics-based word list
 - Weekly test with phonics

History and Geography

- Text: This is My America
 - My America's Flag
 - My America's Freedoms
 - My America Talks
 - My America Travels
 - Symbols of My America
 - My America is Beautiful
 - Great People of America
 - My America Sings
 - My America Grows

Science

- Text: Discovering God's World
 - Plants
 - Discovering Plants
 - Animals
 - Discovering Animals
 - Discovering Insects
 - Health and Human Biology
 - Discovering Myself
 - Energy
 - Discovering My Toys

Math

- Number recognition, counting and writing 1-350
- Counting and writing by twos, threes, fives and tens
- Value and handling of penny, dime, nickel, quarter and half dollar
- Telling time
- Simple Measures
- Place value in ones, tens and hundreds
- Simple fractions
- Using a thermometer
- Addition facts through 13 and three digit addition with carrying
- Subtraction facts through 10 and two digit subtraction
- Story problems in addition and subtraction
- Multiple combinations with four numbers in addition and subtraction

Health, Safety, Manners

- Health
 - Eating Good Foods
 - Rest
 - Exercising
 - Posture
 - Care of body, clothes, home
- Safety
 - At home and away from home
 - On streets, playgrounds, water
- Manners
 - At home, school, church, public

2nd Grade Objectives

Language Arts

Phonics and Reading

- Review of words, consonants, blends, one and two-vowel words, consonant blends
- Recognition and use of all phonics rules in reading and writing
- Spelling rules, doubling consonants, dropping silent “e”, changing “y” to “i”
- Oral reading

Cursive Writing

- Cursive writing in lower and upper case in three spaces
- Introduction to one-line high cursive writing
- Daily seatwork practice in all academic areas

Spelling

- Weekly phonics-based word list
- Vocabulary words, definitions, and sentence dictation (2nd semester)

Language

- Capitalization of first word in a sentence, days of the weeks, months of the year, and special holidays
- Correct punctuation at the ends of sentences
- Understanding complete sentences, questions, and exclamations
- Words using suffixes, prefixes, syllables, and accents, abbreviations, compound words, same meaning words, singular possessive words and contractions
- Alphabetizing words
- Word usage rules
- Writing of complete sentences, questions, exclamations and short stories

History and Geography

- Text: America, Our Home
 - Our Flag
 - Our Patriotic Holidays
 - Our Songs
 - States
 - Introduction to Continents
- Pioneer and Cowboy Unit

Science

- Text: Enjoying God's World
 - Nutrition
 - Food Groups
 - Personal Care
 - Weather
 - Air
 - Energy, gravity and friction
 - Habitats
 - Ocean
 - Valley
 - Forests
 - The Animal World
 - Desert
 - Arctic

- Ponds
- Interactions and Adaptations
- Mountains
- Grasslands
- The Plant World

Math

- Counting and number recognition, beyond 10,000
- Counting by sequences
- Value and handling of money
- Telling time
- Units of measurement
- Place value to ten thousand
- Simple fractions
- Using a thermometer
- Introduction to roman numerals
- Simple graphs
- Addition facts through 18, column addition, four-digit addition with carrying, addition terminology
- Subtraction facts through 17, four digit-subtraction with borrowing, subtraction terminology
- Introduction to multiplication facts 0-5
- Introduction to division facts 0-5
- Story problems in addition and subtraction
- Multiple combinations with five numbers in addition and subtraction

Health, Safety, Manners

- Health
 - Posture
 - Nutrition
 - Exercise
 - Rest
 - Cleanliness
- Safety
 - At home, away
 - On streets
 - Around water
- Manners
 - Politeness
 - Kindness
 - Cheerfulness
 - Respect
 - Thoughtfulness
 - Thankfulness

3rd Grade Objectives

Language Arts

Phonics and Reading

- Review of phonics rules
- Oral Reading
- Reading and Comprehension

Cursive Writing

- Review of cursive writing formation one space high

Spelling

- Weekly phonics-based word list
- Sentence dictation using spelling words

Language

- Types of sentences
- Writing complete sentences
- Introduction to paragraph writing
- Parts of a friendly letter
- Capitalization rules
- Correct punctuation, especially period and comma
- Formation of plurals
- Common contractions
- Word usage
- Dictionary skills
- Recognition of simple nouns, simple verbs, and adjectives
- Recognition of synonyms, antonyms and homonyms

History and Geography

- Continents and Oceans of the World
- States of the United States
- Study of our American Heritage through the lives of famous men and women

Science

- Plants
 - Exploring the Plant World
 - Basic parts and functions of a plant
- Animals
 - Exploring the World of Vertebrates and Invertebrates

- Classifying vertebrates and invertebrates
- Human Biology
 - Five Senses
- Eco-systems
 - Exploring deserts, ponds, forests, farmers field, the ocean and food chains

Math

- Recognition of the place value of numbers
- Addition facts and checking addition problems with carrying
- Subtraction facts and checking subtraction problems with borrowing
- Multiplication tables 0-12 and multiplication problems with carrying
- How to show a multiplication fact six ways
- Working and checking a single digit division problem
- Terminology for four processes
- English and metric measures
- Telling time
- Roman numerals, 1-1,000
- Solving story problems with up to three steps
- Recognizing and solving simple equations
- Converting measures and solving measurement equations
- Recognizing and working with greater than and less than
- Counting money and solving money problems using the decimal point correctly
- Solving problems containing parentheses
- Fraction terminology and basic understanding of fractions
- Recognizing geometric shapes

Health, Physical Education

- Exercise
- Nutrition
- Balanced Diet
- Fighting Disease

4th Grade Objectives

Language Arts

Reading

- Oral Reading
- Reading Comprehension
- Speed Reading
- Vocabulary Building

Penmanship

- Review of cursive writing formation through skill practice, word games, spelling words, original composition, and sentence dictation

Spelling

- Weekly words list based on phonics rules, challenging words and vocabulary

Language

- Sentence Structure
- Kinds of Sentences
- Capitalization and punctuation facts
- Contractions, possessives and plurals
- Friendly letters, business letters and post cards
- Subjects and predicates-simple and compound
- Subject and verb agreement
- Recognizing and using all eight parts of speech
- Diagramming
- Dictionary skills
- Troublesome words
- Synonyms, antonyms, and homonyms
- Abbreviations
- Book Reports
- Creative Writing

History and Geography

- California State History
- U.S.A. History and Geography
- Learn States and Capitals
- Overview of Important U.S.A. Documents

Science

- Scientific Method
- Plants
- Animals
- Insects
- Birds
- Matter; Water, Air, and Weather
- Energy; Sound and Hearing
- Geology
- Oceanography
- Astronomy

Math

- Place value of whole numbers and decimals
- Mastery of fundamental operations
- Story problems
- Estimating answers
- English and metric measures
- Converting measures within the same system and solving measurement equations
- Roman Numerals
- Addition, subtraction and multiplication of fractions
- Factoring
- Divisibility rules
- Introduction to decimals
- Making change
- Reading a thermometer
- Equation solving
- Graphs and scale drawings
- Basic geometric shapes
- Perimeter and area

5th Grade Objectives

Language Arts

Reading

- Oral Reading
- Reading Comprehension
- Speed Reading
- Vocabulary Building

Penmanship

- Review of cursive writing formation through skill practice, word exercises, original composition and sentence dictation

Spelling

- Weekly words list based on various categories and vocabulary study

Language

- Capitalization rules
- Punctuation rules
- Sentences, fragments, run-ons, the four kinds of sentences, simple and compound sentences
- Recognizing and diagramming all eight parts of speech
- Subjects, predicates, complements and subject / verb agreement

- Dictionary skills
- Synonyms, homonyms, etc.
- Word usage
- Creative writing
- Book reports
- Research papers and outlining

History and Geography

- Document memorization
- Geography facts memorized: terms, rivers, capitols, mountains, climate, deserts
- The Fertile Crescent: Cradle of Civilization
- Egypt: The Gift of the Nile
- Kingdoms and Empires
- The Middle East: Ancient and Modern
- The Continent of Europe
- Greece: Home of Beauty
- Rome: Ruler of the Ancient World
- Christianity: The Great Force in History
- The Nations of Europe
- England and the British Isles
- Asia: The Largest Continent
- Africa: Continent of Natural Wonders
- Australia
- Antarctica

Science

- Groups of Living Things
- Plants on the Earth
- Vertebrates and Invertebrates
- Wonders of the Human Body
- Matter and Energy
- Mechanical and Heat Energy
- Chemical and Nuclear Energy
- Electricity
- The Weather Forecast
- Earth and Space Navigation
- Treasures from the Earth
- The Fossil Record
- Groups of Living Things
- Using our Natural Resources Wisely

Math

- Place value of whole numbers and decimals
- Mastery of fundamental operations
- Story problems
- Roman Numerals
- Rounding off
- English and metric measures
- Converting measures within the same system and solving measurement equations
- Addition, subtraction, multiplication and division with fractions
- Factoring
- Divisibility rules
- Addition, subtraction, multiplication and division with decimals
- Reading a thermometer
- Converting between Celsius and Fahrenheit
- Equation solving
- Graphs and Scale Drawings
- Basic geometric shapes
- Perimeter and area