

Independence Christian School

Elementary
Guide to Curriculum

2017-2018

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

6th Grade Objectives

Language Arts

Reading

- Improve Reading Skills
- Reading Comprehension
- Speed Reading
- Vocabulary Building
- Identify parts of speech in sentence's
- Basic literary comprehension skills

Writing

Sentence structure

Writing paragraphs

Vocabulary and Spelling skills

Emphasizes parts of speech and their roles

Short stories, poetry & business letters

Special Topics

Teaches dictionary skills

Comprehension of graphic visual aids

Introduces students to Biblical literature topics

Mathematics

Math course focusing on number skills and numerical literacy
Introduction to the number skills needed for algebra
Factor numbers completely and find greatest common factors
Convert between fractions, decimals, and percentages
Represent numbers with exponents
Calculate perimeters and areas of regular plane shapes and measure angles
Plot ordered pairs on coordinate grids

Bible

Identify key people, places and events in the Old and New Testaments
Discuss the primary eras in the history of Israel and the Church
Appreciate the importance of Israel and the Kingdom in the Old Testament
Demonstrate the influence of the Old Testament in the New Testament
Explain important themes and teachings throughout the Bible

Prayer

Emphasis is on communicating with God and developing a personal relationship

Earth Science

Use their main senses for observation of the world around them
Describe the different systems in plants and animals
Explain the different ways plants and animals behave
Explain how Mendel used observation to develop his theories
Demonstrate a basic knowledge of chemical structure and the periodic table