



# LACS ELEMENTARY SCHOOL **ACADEMIC GOALS** & **OBJECTIVES**

Los Altos Christian Schools offers curriculum which is based on a Christian perspective of education. We feel it is important to integrate scriptural principles and biblical threads into each area of subject matter. We continually research a variety of curriculums and have selected materials that will offer your child a high-quality academic education, centered on the principles of God's Word.

# FIFTH GRADE

# Academic Goals

## BIBLE

- Understand the nature of God through studying the Old Testament
- Understand how God used his chosen people, the Israelites, to illustrate His love for us
- Study the lives of Saul, David, Solomon, and Ruth
- Understand the plan of salvation
- Understand how to share the plan of salvation with others
- Learn about Isaac, Jacob and Joseph

## MATH

- Write and interpret numerical expressions
- Analyze patterns and relationships
- Understand the place value system
- Perform operations with multi-digit whole numbers and with decimals to hundredths
- Use equivalent fractions as a strategy to add and subtract fractions
- Apply and extend previous understanding of multiplication and division to multiply and divide fractions
- Convert like measurement units within a given measurement system
- Represent and interpret data
- Geometric measurement: Understand concepts of volume and relate volume to multiplication and to addition
- Graph points on the coordinate plane to solve real-world and mathematical problems
- Classify two-dimensional figures into categories based on their properties

## LANGUAGE ARTS

### Reading and Vocabulary

- Read and understand grade-level appropriate material
- Use word origins to determine the meaning of unknown words
- Know abstract, derived roots and affixes from Greek and Latin and use to analyze the meaning of complex words
- Comprehend the language usage of different time periods
- Analyze text in sequential or chronological order
- Draw inferences, conclusions, or generalizations
- Distinguish facts, supported inferences, and opinions
- Read and respond to historically or culturally significant works of literature

### Writing and Grammar

- Write clear, coherent, and focused essays
- Write a multiple-paragraph composition
- Create simple documents by using electronic media
- Use a thesaurus
- Edit and revise manuscripts
- Write narratives
- Write summaries
- Write responses to literature
- Write research reports
- Write persuasive letters or compositions
- Past, present and future tense
- Abbreviations and Homophones
- Utilize learned grammar skills to formulate a research report
- Write fluidly and legibly in cursive
- Distinguish the correlation between subject and predicate
- Know the use of commas in a sentence
- Use prepositional phrases, appositives, and independent and dependent clauses; use transitions and conjunctions to connect ideas
- Identify and correctly use verbs that are often misused, modifiers, and pronouns

# FIFTH GRADE

# Academic Goals

## Oral Presentations

- Deliver focused, coherent presentations that convey ideas clearly.
- Deliver narrative presentations
- Deliver informative presentations
- Deliver oral responses to literature
- Improve sound-letter relationship, visual memory, and meaning
- Increase vocabulary by developing visual memory and meaning to words.
- Identify stress syllables by using context clues
- Use a spelling dictionary

## SCIENCE

- Observe and describe matter and its properties
- Classify matter by atoms and elements
- Describe the many forms of energy and how it can be changed
- Understand that organisms are made from single cells to body systems
- Classify living things
- Recognize plants and their adaptations
- Describe and observe plant processes
- Describe the interactions between the earth and the moon
- Understand the planets of our solar system
- Demonstrate the scientific process
- Understand the flow of energy through ecosystems
- Describe changes to Earth's surface
- Describe the Rock Cycle
- Awareness of ocean ecosystems

## SOCIAL STUDIES

- Describe the major pre-Columbian settlements
- Trace the routes of the early explorers
- Describe the early explorations of the Americas
- Describe the relationship between Native Americans and settlers
- Understand the political, religious, social, and economic institutions that evolved in the colonial era
- Explain the causes of the American Revolution
- Understand the consequences of the American revolution
- Describe the development of the US Constitution and its significance
- Trace colonization, immigration, and settlement patterns in America from 1789 to the mid-1800s
- Know the location of the 50 states and names their capitals

## PHYSICAL EDUCATION

- Develop an enjoyment for sports and increase ability in coordination and basic skills.
- Encourage good sportsmanship
- Develop confidence in their physical abilities
- Understand and apply the rules for team and individual sports
- Understand why physical fitness is necessary for a healthy lifestyle
- Encourage students to play after school sports

## ART

- Use their senses to perceive works of art
- Identify visual structure of art
- Develop knowledge of and artistic skills in a variety of visual arts media and technical processes
- Create original artworks based on personal experiences or responses
- Explore the role of visual arts in culture and history
- Investigate major themes in historical and contemporary periods and styles of the visual arts throughout the world
- Derive meaning from artworks through analysis, interpretation, and judgment

## MUSIC

- Read, write and perform rhythmic notation in treble clef, in major and minor keys. Rhythmic content to include: sixteenth notes, dotted notes, triplets and ties syncopation.
- Sing and play rhythmic ostinatos on classroom instruments (Boom Whackers, Xylophones, bucket drums)
- Sing and perform a varied repertoire of music including two-part harmony arrangements, canons with classroom accompaniments
- Identify and analyze the music elements in vocal and instrumental ensembles, forms and cultural settings including 12-bar blues
- Describe music forms including rondo. Varied tempo, dynamics, and melodies, variations, improvisations, accompaniments and digital content
- Classify and identify varying instruments from Christian artists, diverse cultures, styles and time periods. (e.g., Orchestra, band, cultural instruments)
- Identify the role of music in community events and careers in music

## COMPUTER

- Develop general technological awareness
- Basic keyboarding
- Paint, draw, and use graphics
- Develop word processing skills
- Understand research and use of the Internet
- Make multimedia presentations
- Learn desk top publishing
- Learn Excel

## SPANISH

- Learn basic vocabulary to make polite conversation
- Identify foods, times of day, and relatives
- Make statements and ask questions
- Learn about meals and special occasions in Spanish-speaking countries