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E L E M E N T A R Y S C H O O L  
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**A C A D E M I C G O A L S**

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.

# FOURTH GRADE

# Academic Goals

## BIBLE

- Understand the identity of Jesus Christ, deity
- Learn of the Nation of Israel, it's geography, traditions, and religions
- Understand the plan of salvation
- Understand how to apply Biblical principles to one's own life developing Christian character
- Learn the life of Christ
- Learn about the Holy Spirit from gospels, Acts, Epistles
- Study Paul's Epistles and life of Paul

## MATH

- Use the four operations with whole numbers to solve problems
- 3 digit multiplication and long division
- Gain familiarity with factors and multiples
- Generate and analyze patterns
- Generalize place value understanding for multi-digit whole numbers
- Use place value understanding and properties of operations to perform multi-digit arithmetic
- Extend understanding of fraction equivalence and ordering
- Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers
- Understand the correlation between decimal, fractions, and percent
- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit
- Solve for variable Algebras
- Represent and interpret data—bar-graphs, line graphs, stem-and-leaf line plots
- Geometric measurement: Understand concepts of angle and measure angles, area, perimeter, and circumference
- Draw and identify lines and angles, and classify shapes by properties of their line angles
- Word problems
- Lapse time
- Statistics (mean, median, mode, and range)

## LANGUAGE ARTS

### Reading and Vocabulary

- Read and understand grade-level appropriate material
- Apply knowledge of word origins, derivations, synonyms, antonyms, and idioms
- Use root words to determine meaning of new words
- Use dictionary
- Distinguish words with multiple meanings
- Compare and contrast, find cause and effect
- Sequential or chronological order
- Make predictions, inferencing, clarifying, summarizing, utilizing graphic organizers, critical thinking, and visualizing
- Describe the structural differences of various forms of literature
- Use situation, setting and character's traits and motivations to determine cause of character's actions
- Determine basic plots, character traits, themes, and setting of a story
- Define figurative language (e.g., simile, metaphor, hyperbole, personification, onomatopoeia)
- Select a focus, organizational structure, and point of view, author's purpose

# FOURTH GRADE

# Academic Goals

## Writing and Grammar

- Write a multiple-paragraph composition (3-5)
- Use quotes and paraphrases
- Locate information in reference materials
- Use internet for research
- Edit and revise drafts
- Write narratives, dialogs, personal fiction
- Write opinion
- Write persuasive
- Write responses to literature
- Write information reports
- Write summaries
- Write fluidly and legibly in cursive
- Spell correctly roots, inflections, suffixes and prefixes, and syllable constructions

## Oral Presentation

- Listen attentively
- Present effective introductions and conclusions
- Use cause and effect, similarity and difference, and posing and answering questions to convey information
- Emphasize points when presenting
- Use details, examples, anecdotes, or experiences to explain or clarify
- Use volume, pitch, phrasing, pace, modulation, and gestures
- Utilize technology such as Power Point and visuals and materials for presentations
- Give narrative presentations
- Make informational presentations
- Deliver oral summaries of articles and books
- Recite poems, soliloquies, or dramatic dialogues

## SCIENCE

- Understand how matter may be described and measured
- Understand natural resources
- Understand properties and changes
- Understand magnetism and electricity
- Understand plant and animal growth
- Understand how living things interact in different ecosystems
- Understand biomes
- Understand that ecosystems change and what causes those changes
- Understand the properties of soil
- Understand the scientific process
- Understand Weather
- Understand Space
- Understand Energy

## SOCIAL STUDIES

- Understand California's geography
- Describe the social, political, cultural, and economic life of California residents from pre-Columbian societies to the present
- Understand the structure, functions, and powers of the local, state, and federal governments
- Develop an awareness of another culture for International Day
- Period: California Native Americans, Missions, Gold Rush, Statehood, Economics, and Government

# FOURTH GRADE

# Academic Goals

## 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

## 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
- Derive meaning from artworks through analysis, interpretation, and judgment

## MUSIC

- Read, write and perform rhythmic notation, including sixteenth notes, dotted notes, and syncopation (e.g., eighth/quarter/eighth note and eighth-rest/quarter/eighth note).
- Read, write and perform songs in the diatonic scale. Play and sing songs on recorders, and Orff instruments.
- Identify and describe music forms including rondo. Varied tempo, dynamics, and melodies, variations, improvisations, accompaniments and digital content
- Classify and identify varying instruments from diverse cultures, styles and time periods. (e.g., Orchestra, band, cultural instruments)
- Sing and play rhythmic ostinatos on classroom instruments (Boom Whackers, Xylophones, bucket drums)

## COMPUTER

- Develop general technological awareness
- Develop basic keyboarding
- Develop painting, drawing, and graphics skills
- Develop word processing skills
- Understand research and use of the internet
- Learn to make multimedia presentations
- Introduction to Power Point and coding

## 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