

STUDENTS IN FOURTH GRADE STUDY

Bible

- Understand the identity of Jesus Christ
- Learn of the Nation of Israel, its geography, traditions, and religions
- Understand the plan of salvation
- Understand how to share the plan of salvation with others

Math

Number Sense

- Read and write whole numbers in the millions
- Order and compare whole numbers and decimals to two decimal places
- Round whole numbers through the millions to the nearest ten, hundred, thousand, ten thousand, or hundred thousand
- Decide when a rounded solution is called for and explain why such a solution may be appropriate
- Explain different interpretations of fractions
- Write tenths and hundredths in decimal and fraction notations and know the fraction and decimal equivalents for halves and fourths.
- Use concepts of negative numbers
- Identify on a number line the relative position of positive fractions, positive mixed numbers, and positive decimals to two decimal places
- Estimate and compute the sum or difference of whole numbers and positive decimals to two places
- Round two-place decimals to one decimal or the nearest whole number and judge the reasonableness of the rounded answer
- Demonstrate an understanding of, and the ability to use, standard algorithms for the addition and subtraction of multidigit numbers
- Use standard algorithms for multiplying and dividing a multidigit number by a two-digit number
- Solve problems involving multiplication of multidigit numbers by two-digit numbers

- Solve problems involving division of multidigit numbers by one-digit numbers
- Understand that many whole numbers break down in different ways (e.g., $20=4\times 5=2\times 10=5\times 2\times 2$)
- Know that numbers such as 2,3,5,7, and 11 do not have any factors except 1 and themselves and that such numbers are called prime numbers

Algebra and Functions

- Use and interpret variables, mathematical symbols, and properties
- Manipulate equations

Measurement and Geometry

- Understand perimeter and area
- Use two-dimensional coordinate grid
- Identify parallel and perpendicular lines
- Identify the radius and diameter of a circle
- Identify congruent figures
- Identify figures that have bilateral and rotational symmetry
- Know the definitions of a right, acute, and obtuse angle
- Make models of geometric solids

Statistics, Data Analysis, and Probability

- Interpret numerical and categorical data
- Make predictions for simple probability situations

Mathematical Reasoning

- Make decisions on how to approach problems
- Use strategies, skills and concepts in finding solutions
- Move beyond a particular problem by generalizing to other situations

Language Arts

Reading

- 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 a thesaurus
- Distinguish words with multiple meanings
- Compare and contrast, find cause and effect
- Sequential or chronological order
- Make predictions
- Follow multiple-step instructions in a basic technical manual
- 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)

Writing

- Select a focus, organizational structure, and point of view
- Write a multiple-paragraph composition
- Use quotes and paraphrases
- Locate information in reference materials
- Use almanacs, newspapers, and periodicals
- Edit and revise drafts
- Write narratives
- Write responses to literature
- Write information reports
- Write summaries

Handwriting

- Write fluidly and legibly in cursive

Spelling

- Spell correctly roots, inflections, suffixes and prefixes, and syllable constructions

Listening and Speaking Skills

- Listen attentively
- Present effective introductions and conclusions
- Use cause and effect, similarity and difference, and posing and answering questions to convey information
- Emphasize points
- Use details, examples, anecdotes, or experiences to explain or clarify
- Use volume, pitch, phrasing, pace, modulation, and gestures
- Evaluate the role of the media
- Give narrative presentations
- Make informational presentations
- Deliver oral summaries of articles and books
- Recite poems, soliloquies, or dramatic dialogues

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

Science

- Understand how matter may be described and measured
- Understand natural resources
- 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

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

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 Excel

Library

- Know and understand different types of literature
- Understand and use different types of research
- Demonstrate library skills (searching)
- Demonstrate the writing process at a grade appropriate level
- Monthly Book Reports
- Dewey Decimal classification



Los Altos Christian Schools

What your Fourth Grader Studies



Road Map
