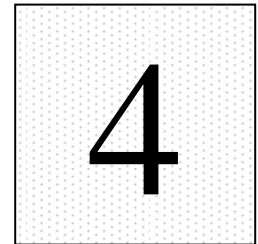


The California Content Standards

Pleasant Grove J.U.S.D.
3075 Howsley Rd.
Pleasant Grove, CA 95668



Board of Trustees

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MATHEMATICS NUMBER SENSE

- Understand the place value of whole numbers and decimals to two decimal places and how whole numbers and decimals relate to simple fractions (i.e their position on a number line)
- Use the concepts of negative numbers
- Use and understand addition and subtraction of simple decimals
- Solve problems involving addition, subtraction, multiplication, and division of whole numbers and understand the relationships among the operations
- Know how to factor small whole numbers and know prime numbers to 50

ALGEBRA AND FUNCTIONS

- Use and interpret variables, mathematical symbols, and properties to write and simplify expressions and number sentences
- Know how to manipulate equations

MEASUREMENT AND GEOMETRY

- Understand perimeter and area use two-dimensional coordinate grids to represent points and graph lines and simple figures

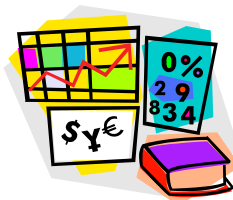
- Demonstrate an understanding of plane and solid geometric objects and use this knowledge to show relationships and solve problems
- know definitions for different triangles and quadrilaterals

STATISTICS, DATA ANALYSIS, AND PROBABILITY

- Organize, represent, and interpret numerical and categorical data and clearly communicate their findings
- Make predictions for simple probability situations

MATHEMATICAL REASONING

- Make decisions about how to approach problems
- Use strategies, skills, and concepts in finding solutions
- Develop generalizations for the results of a problem and apply them in other circumstances



SCIENCE

PHYSICAL SCIENCE

- Know that electricity and magnetism are related and have many useful applications in everyday life

LIFE SCIENCE

- Know all organism need energy and matter to live and grow
- Understand that living organisms depend on one another and on their environment for survival

EARTH SCIENCES

- Describe the properties of rocks and minerals and the processes that formed them
- Describe how waves, wind, water, and ice shape and reshape the Earth's land surface

INVESTIGATION AND EXPERIMENTATION

- Know scientific progress is made by asking meaningful questions and conducting careful investigations



Dear Parents,
These standards are the skills and knowledge that your child is expected to master by the end of the year. By becoming familiar with the standards, you will be better able to assist your child with schoolwork at home and ask the teacher about your child's mastery level. Standards in other subjects are available in office upon request.

By the end of 4th grade, students will:

READING

WORD ANALYSIS, FLUENCY, AND VOCABULARY DEVELOPMENT

- Read aloud narrative and expository text fluently and accurately
- Use word origins, context clues, common roots, and affixes to determine meaning of words
- Interpret words with multiple meaning

COMPREHENSION (FOCUS ON INFORMATIONAL MATERIALS)

- Identify compare and contrast, cause and effect, sequential or chronological, and proposition and support patterns
- Use strategies when reading for different purposes
- Make and confirm predictions and evaluate new information
- Distinguish between cause and effect and fact and opinion
- Follow multiple step instructions in basic technical manual

LITERARY ANALYSIS

- Describe features of imaginative forms of literature in fantasies, fables, myths, legends, and fairy tales
- Identify the main events of the plot, their causes and influences
- Compare tales from different cultures
- Define figurative language and its use in literary works

LANGUAGE ARTS

WRITING STRATEGIES

- Create sentences and paragraphs that develop a central idea and consider audience and purpose
- Use stages of the writing process
- Write legibly in cursive or joined italic
- Use features of reference materials to locate and use information as an aid to writing
- Edit and revise drafts to improve the coherence and progression of writing

WRITING APPLICATIONS

- Relate ideas, observations, or recollections about an event or experience that use sensory details and provide context and insight
- Explain details, facts, and information through responses to literature, information reports, and summaries

WRITTEN LANGUAGE

- Use simple and compound sentence structure, proper punctuation, capitalization, spelling, and correct grammar

SOCIAL STUDIES

LEARNING AND WORKING NOW AND LONG AGO

- Demonstrate an understanding of the physical and human geographic features that define places and regions in California
- Describe the social, political, cultural, and economic life and interactions among the people of California from the pre-Columbian societies to the Spanish mission and Mexican rancho periods
- Explain the economic, social, and political life in California from the establishment of the Bear Flag Republic through the Mexican-American War, the Gold Rush, and the granting of statehood
- Explain how California became an agricultural and industrial power, tracing the transformation of the California economy and its political and cultural development since the 1850's
- Understand the structures, function, and powers of the local, state, and federal governments as described in the U.S. Constitution



PHYSICAL EDUCATION MOVEMENT, SKILLS, AND MOVEMENT KNOWLEDGE

- Throw, catch, strike, and kick using correct form
- Dribble and pass basketball related activities
- Balance with control on a variety of objects (i.e. balance board, large apparatus)
- Develop and refine a gymnastics tumbling routine
- Develop a creative dance sequence into a pattern
- Jump and land for height/distance
- Transfer weight from feet to hands at fast and slow speeds, using large extensions (i.e. mule, kick)
- Recognize the critical elements of movements made by others and provides feedback
- Understand that practice improve performance
- Engage in activity that results in the development of muscular strength and endurance
- Maintain continuous aerobic activity for a specified time and activity (12-15 minutes)
- Support, lift, and control body weight during activities