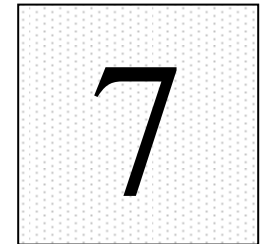


The California Content Standards

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



Board of Trustees
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MATHEMATICS

NUMBER SENSE

- Know the properties of, and compute with, rational numbers expressed in a variety of forms
- Use exponents, powers, and roots and use exponents in working with fractions

ALGEBRA AND FUNCTIONS

- Express quantitative relationships using algebraic terminology, expressions, equations, inequalities, and graphs
- Interpret and evaluate expression involving integer powers and simple roots
- Graph and interpret linear and some non-linear functions and use in solving problems
- Solve simple linear equations and inequalities over the rational numbers

MEASUREMENT AND GEOMETRY

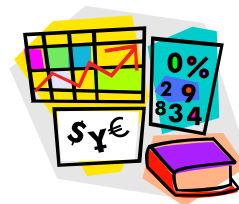
- Choose appropriate units of measure and use ratios to convert within and between measurement systems
- Compute the perimeter, area, and volume of common geometric objects and use the results to find measures of less common objects
- Know how perimeter, area, and volume are affected by changes of scale
- Know the Pythagorean Theorem
- Understand plane and solid geometric shapes by constructing figures that meet given conditions and by identifying attributes of figures

STATISTICS, DATA ANALYSIS, AND PROBABILITY

- Collect, organize, and represent data sets that have one or more variable and identify relationships among variables

MATHEMATICAL REASONING

- Analyze problems by identifying relationships, distinguishing relevant information, identifying missing information, sequencing and prioritizing information and observing patterns
- Use strategies, skills, and concepts in finding solutions and generalize about the results of problems and extends to other problem situations



SCIENCE

LIFE SCIENCE

CELL BIOLOGY

- All living organisms are composed of cells, from just one to may trillions, whose details usually are visible through a microscope

GENETICS

- A typical cell of any organism contains genetic instructions that specify its traits

EVOLUTION

- Biological evolution accounts for the diversity of species developed through gradual processes over many generations

EARTH AND LIFE SCIENCE

- Evidence from rocks allows us to understand the evolution of life on Earth

STRUCTURE AND FUNCTION IN LIVING SYSTEMS

- The anatomy and physiology of plants and animals illustrate the complimentary nature of structure and function

PHYSICAL PRINCIPLES IN LIVING SYSTEMS

- Physical principles underlie biological structures and functions

INVESTIGATION AND EXPERIMENTATION

- 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 7th grade, students will:

READING

WORD ANALYSIS, FLUENCY, AND VOCABULARY DEVELOPMENT

- Use knowledge of word origins and word relationships, as well as historical and literary context clues, to determine the meaning and specialized vocabulary and to understand the meaning of grade level words

COMPREHENSION (FOCUS ON INFORMATIONAL MATERIAL)

- Analyze the features of expository text that uses cause and effect
- Identify and trace author's argument, point of view, and perspective in text
- Evaluate the accuracy and appropriateness of author's evidence to support claims

LITERARY ANALYSIS

- Know the purposes and characteristics of different forms of short stories, novels, and essays

- Identify elements that advance the plot, analyzes characterization; recurring themes; contrasts points of view in narrative texts
- Analyze a range of responses to literary works through literary elements

LANGUAGE ARTS

WRITING STRATEGIES

- Create clear, coherent, and focused essays exhibiting awareness of the audience and purpose, formal introductions, supporting evidences and conclusions
- Use stages of the writing process
- Develop ideas for investigation and research; cites information in standard format and manages information
- Revise writing to improve word choice and organization, checks for logic

WRITING APPLICATIONS

- Relate accounts of events through fictional and autobiographical narratives
- Explain details, facts, and content specific information through research, reports, responses to literature, persuasive essays, and summaries

WRITTEN LANGUAGE

- Use correct and varied sentence structure, proper capitalization and spelling, and edit written work for correct grammar usage



SOCIAL STUDIES WORLD HISTORY AND GEOGRAPHY (MEDIEVAL AND MODERN TIMES)

- Analyze the causes and effects of the rise and fall of the Roman empire
- Analyze the geographic, political, economic, religious, and social structures of the civilizations of Islam in the middle ages
- Analyze the geographic, political, economic, religious, and social structures of the civilizations of China in the Middle Ages
- Analyze the geographic, political, economic, religious, and social structures of the civilizations of the sub-Saharan civilizations of Ghana and Mali in Medieval Africa
- Analyze the geographic, political, economic, religious, and social structures of Medieval Japan
- Analyze the geographic, political, economic, religious, and social structures of the civilizations of Medieval Europe
- Analyze the origins, accomplishments, and geographic diffusion of the Reformation
- Analyze the historical developments of the Scientific Revolution and its lasting effect on religious, political, and cultural institutions
- Analyze political and economic change in the sixteenth, seventeenth, and eighteenth centuries

PHYSICAL EDUCATION MOVEMENT, SKILLS, AND MOVEMENT KNOWLEDGE

- Adapts locomotors, non-locomotors, and manipulative skills in complex movement activities
- Demonstrates beginning skills for net and other types of games
- Applies basic offensive and defensive strategies in simple settings
- Applies scientific principles of motion to individual/dual sports
- Participates for a sustained period of time (20 minutes) at least three times per week, while maintaining a target heart rate in aerobic activity
- Establishes personal physical activity goals
- Meets current health related fitness standards as defined by fitness tests for upper body strength and endurance
- Demonstrates activities to maintain muscular strength, endurance, flexibility, cardio-respiratory functioning, an proper body composition
- Identifies the impact of nutrition, relaxation, stress, and substance abuse on the body's ability to participate in physical activity

