



2007 Educating a child is a responsibility shared by the student, school, family and community. As a parent, you can play an important role in the educational success of your child. The Seventh Grade Frameworks is a tool created to help you to better understand what your child is expected to learn at each grade level. These Frameworks form the foundation for student learning in the Central Valley School District.

Literacy

Reading, Listening, Speaking

- Apply a variety of strategies to understand words and ideas when reading and performing tasks
- Apply word recognition skills and strategies to read fluently
- Use background knowledge to predict and draw conclusions
- Summarize grade-level text (writing)
- Use knowledge of text components (table of contents, index and glossary)
- Analyze and synthesize text information for a specific topic or purpose
- Analyze and understand the story elements of theme, plot, characters, conflict and climax
- Describe contextual organizational structures used in listing, sequential order, description, comparison and contrast, chronological order, cause and effect, and order of importance
- Analyze an author's style of writing, language choice, purpose, tone and persuasive devices
- Communicate how to generalize information from one text to another text or to a broader idea or concept
- Read for literary experience in a variety of genres (writing types)
- Evaluate personal reading progress and set appropriate reading goals for improvement

Writing

- Present a central idea persuasively with concise and relevant supporting data
- Include rhetorical questions for greater impact in introductions or conclusions
- Use a rhythmic pattern in poetry
- Maintain appropriate and consistent voice (individual expression) in all types of writing
Reflect an understanding of cultures accurately in narrative writing, responses to literature and speeches
- Use technical or specialized terms for a range of subjects in a variety of contexts
- Use a wide range of sentence structures, maintaining correct conventions (spelling and punctuation)
- Use writing as a tool for exploring and sharing thoughts
- Present reasoned cases supporting and/or refuting points of view
- Write material appropriate in form and content for visual and dramatic presentations
- Manage several pieces of work at any one time
- Compose, revise and edit speedily when necessary
- Use technology for all stages of the writing process

- Collaborate with peers at revision and editing stages for criticism and advice
Develop scoring guide for purpose, form, content, organization, style and conventions (writing rules)
- Use appropriate terminology to describe and justify language and techniques used
- Critique and discuss style and content of own writing and that of others
- Discuss how and why decisions about content, organization, audience, purpose, form and style were made at each stage of the writing process

MATH

Number Sense

- Manipulate integers (whole numbers), decimals, fractions, percents, ratios and proportions by comparing and ordering them in either decimal or fraction form
- Apply inverse, commutative, associative and distributive properties to integers
- Apply estimation strategies to determine the reasonableness of answers
- Integrate technology into solving mathematical problems

Measurement

- Solve perimeter, circumference and surface area problems using varied units of measurement (standard, metric)
- Apply formulas to determine measurements of circles, triangles and rectangular prisms
- Calculate how changes in an object's dimension affect the measurement of the perimeter, circumference and surface of that object

Geometric Sense

- Apply the concept of similarity to two-dimensional figures by comparing the slides (translations) and flips (reflections) of an object
- Determine the location of points on a coordinate grid using graphing paper/calculators

Probability and Statistics

- Identify complementary, independent and mutually exclusive events
- Apply the procedures for probability using multiple trials in "box –and–whisker" (graph showing five points from data set) plots and line plots
- Organize data into the most appropriate table, chart and graph to support varied points of view

Algebraic Sense

- Analyze patterns and sequences in tables, graphs or situations to develop a rule
- Apply order of operations to expressions and formulas
- Solve quantities using squares and square roots
- Apply a variety of strategies to solve two-step equations accurately

Problem Solving

- Apply logical reasoning to communicate mathematical understanding in real-life situations

Social Studies

- Develop an understanding of the influence of European history and culture as it relates to the development of American culture and history
- Describe diverse native culture that existed in the Americas prior to European exploration
- Examine how the United States became a democracy
- Demonstrate an understanding of the origins and continuing influence of the key ideals of the Declaration of Independence and the Constitution
- Summarize how power and responsibility are distributed, shared, and limited in the government established by the United States Constitution
- Demonstrate an understanding of the rights and responsibilities of U.S. citizens
- Analyze the effect of U.S. foreign relations and its impact on the development of American history and culture
- Create and interpret maps, charts, tables and graphs
- Evaluate primary and secondary source materials
- Develop content reading and technical writing skills including note taking, thinking maps, and strategies to gain understanding of written and oral information

Science

- Identify and use the steps in the Scientific Method (question, hypothesis, experiment, conclude)
- Gather and communicate information in a lab write-up using charts, tables and graphs
- Collect and analyze data from experiments
- Identify and demonstrate proper use of lab equipment
- Demonstrate proficiency using metric measurements
- Identify and practice safe lab procedures
- Differentiate between atoms, molecules, elements, compounds and mixtures
- Demonstrate an understanding of how to use physical and chemical properties to sort and identify substances (solid, gas)
- Demonstrate an understanding of the properties and behavior of light and sound waves
- Demonstrate an understanding of the processes that continually change the surface of the Earth (plate, tectonics, volcanoes, earthquakes, erosion, deposition)
- Demonstrate an understanding of how fossils and rock formations are used to document life and environmental changes over time
Describe the interactions among components of Earth's systems (core, mantle, crustal plates, landforms, the hydrosphere, atmosphere)
Describe basic cell structure and functions
- Describe how genes inherited from parents are combined to make a new combination of characteristics
- Describe how physical characteristics of an individual can be affected by heredity and the environment
- Demonstrate an understanding of how cells obtain matter and energy for life's processes
- Describe how cells distribute matter and energy and eliminate waste
- Describe and compare sexual and asexual life cycles of plants and animals
- Classify organisms by their external and internal structures (functional and physical characteristics)

- Explain why individual organisms with certain traits are more likely than others to survive and have offspring (natural selection and adaptation)

Health and Fitness

- Perform to health–related standards for aerobic endurance, muscular strength, muscular endurance and flexibility using national education standards
- Apply knowledge of FIT (Frequency/Intensity/Time) principles to individualized fitness and health plans
- Set individual goals for maintaining or improving fitness and health related components
- Perform fundamental physical skills involved in a variety of lifetime activities, including team and individual sports
- Incorporate and follow rules and safety procedures in all activities
Demonstrate principles of good sportsmanship and fair play
- Acquire skills to protect health and safety
- Anticipate, identify and develop appropriate strategies for risky situations at home, school and community
- Identify ways to use stress positively and develop strategies to reduce harmful stress
- Demonstrate an understanding of how diet relates to health, fitness, and performance (weight management, eating a balanced diet, food as fuel, meal planning)
- Demonstrate an understanding of basic consumer knowledge (reading labels, ingredients, protein, fat, carbohydrate ratios, food pyramid)
- Identify personal calorie needs and evaluate food choices
- Identify major body systems and their functions
- Demonstrate an understanding of basic human growth and development concepts and HIV/AIDS
- Demonstrate an understanding of the effects of drugs on the body and identify situations that may lead to the harmful use of legal and illegal drugs

Characteristics of a Successful Learner

Respects others

Respects those in positions of supervision

Accepts responsibility

Works cooperatively with others

Follows classroom and school rules

Follows directions

Uses independent time effectively

Actively participates

Completes work on time

Work is done neatly

Demonstrates good organization skills

Meets homework requirements

Comes to class prepared

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