

Millbrae School District

Core Program

Reading

Writing

Language Arts

Mathematics

History Social Studies

Special Needs

Learning Center Support

English Language Development

G.A.T.E.

Title I

“And

That’s Not All”

Every Child A Writer, A Reader!

Core Literature

Library/ Technology

Music/ Art

Advanced Math

TMS – Spanish

After School Programs

Interventions

Reading Specialist Program

Peer Coaching

Accelerated Math

Accelerated Reader

Read Naturally

Connections for Comprehension

Early Reading Intervention

Sixth Grade Curriculum

ENGLISH LANGUAGE ARTS

Text/program: *Prentice Hall California Grade 6 - Copper Level*

Reading Comprehension: Students read and understand grade-level appropriate material. They describe and connect the essential ideas, arguments, and perspectives of the text by using their knowledge of text structure, organization and purpose.

Literary Response and Analysis: Students read and respond to historically or culturally significant works of literature.

Writing: Students write clear, coherent, and focused essays that exhibits the students' awareness of the audience and purpose. Essays contain formal introductions, supporting evidence, and conclusions.

Writing Applications: Students write narrative, expository, persuasive, and descriptive texts of at least 500-700 words in each genre and demonstrate research, organizational, and drafting strategies.

Written and Oral English Language Conventions: Students write and speak with a command of Standard English conventions appropriate to this grade level.

Listening and Speaking:

Students deliver focused, coherent presentations that convey ideas clearly and relate to the background of the audience.

Speaking Applications: Students deliver well-organized formal presentations employing traditional rhetorical strategies.

MATHEMATICS

Text/program: *Prentice Hall California Grade 6 - Math*

Number Sense:

- Compares and orders positive and negative fractions, decimals and mixed numbers and places them on a number line
- Calculates given percentages of quantities and solves problems involving addition, subtraction, multiplication and division.
- Explains the meaning of multiplication and division of positive fractions and performs the calculations
- Solves addition, subtraction, multiplication and division problems, including those arising in concrete situations that use positive and negative integers and combinations of these operations.

Algebra and Functions

- Writes and evaluates an algebraic expression, using up to three variables
- Solves problems manually by using the correct order of operations.

Measurement and Geometry

- Understands the concept of a constant such as P : knows the formulas for the circumference and area of a circle, area and perimeter of polygons.
- Knows and uses the formulas for the volume of triangular prisms & cylinders.
- Identifies angles as vertical, adjacent, complimentary or supplementary.

Statistics, Data Analysis and Probability

- Computes the range, mean, median and mode of data sets.

Mathematical Reasoning

- Uses strategies, skills and concepts in finding solutions.

SCIENCE

Text/program: *McDougal Littell Science*

Plate Tectonics and Earth's Structure: Plate tectonics explains important features of Earth's surface and major geologic events.

Shaping of the Earth's Surface: Topography is reshaped by the weathering of rock and soil and by the transportation and deposition of sediment.

Heat (Thermal Energy) (Physical Science) Heat moves in a predictable flow from warmer objects to cooler objects until all are at the same temperature.

Energy in the Earth System: Many phenomena on Earth's surface are affected by the transfer of energy through radiation and convection currents.

Ecology (Life Science): Organisms in ecosystems exchange energy and nutrients among themselves and with the environment.

Resources: Sources of energy and materials differ in amounts, distribution, usefulness, and the time required for their formation.

Investigation and Experimentation: Scientific progress is made by asking meaningful questions and conducting careful investigations..

HISTORY SOCIAL SCIENCE

Text/program: Teacher Curriculum Institute - *TCI History Alive, Ancient Civilizations*

Chronological And Spatial Thinking: Explain the historical migration of people, expansion and disintegration of empires.

Research, Evidence, And Point Of View: Detect the different historical points of view and determine the context in which the historical statements were made.

Historical Interpretations: Understand and distinguish cause, effect, sequence, and correlation in historical events, including the long-/short-term causal relations.

World History and Geography: Ancient Civilization: Describe the hunter-gatherer societies, including the development of tools and the use of fire. Analyze the geographic political, religious, economic and social structures of ancient Mesopotamia, Egypt, India, China, the Hebrews, Greece, and Rome.

VISUAL AND PERFORMING ARTS

Text/ Program: instrumental music instruction, choral and music instruction as funded and/or an elective

Students receive instruction in Music, Dance, Theatre, and Visual Arts under the standards of 1) Artistic Perception, 2) Creative Expression, 3) Historical and Cultural Context, 4) Aesthetic Valuing, and 5) Connections, Relationships and Applications.

PHYSICAL EDUCATION

- Demonstrate basic motor skills, balance and movement patterns.
- Demonstrate knowledge of movement concepts, principles, and strategies as they apply to learning and performance of physical activities.
- Assess and maintain a level of physical fitness to improve health and performance
- Demonstrate knowledge of physical fitness concepts, principles, and strategies to improve health and performance.
- Demonstrate and utilize knowledge of psychological and sociological concepts, principles, and strategies as applied to learning and performance of physical activity.

HEALTH EDUCATION

Students will learn about the biological, psychological, and sociological aspects of human growth and development and become aware of the health risks associated with communicable diseases, including HIV/AIDS. Students will understand their developing sexuality, and will treat the sexuality of others with respect.

TECHNOLOGY

Students will

- Work cooperatively and collaboratively with peers and others when using technology.
- Cite all electronic sources for any type of research report, assignment, multimedia project, or web page
- Distinguish fact, opinion and bias when using electronic information
- Create and present a multiple slide project including graphics and media presentation tools.

LIBRARY MEDIA PROGRAM

Students will use a variety of tools in order to gather and utilize ideas and information resources that attract and inspire students to read and investigate information. These resources will include both print and electronic media. Students will access and check out library resources.