

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

Fourth Grade Curriculum

ENGLISH LANGUAGE ARTS

*Texts: Houghton Mifflin CA Reading-Level 4 or
SRA/ Open Court Reading – Level 4*

Word Analysis, Fluency, Vocabulary:

Students understand the basic features of reading using phonics, syllabication and word parts. They apply this knowledge to achieve fluent oral and silent reading.

Reading Comprehension: Students draw upon a variety of comprehension strategies as needed, including generating and responding to essential questions, making predictions, and comparing information from several sources.

Literary Response and Analysis:

Students read and respond to a wide variety of significant works of children’s literature.

Writing:

Students write clear and coherent sentences and paragraphs that develop a central idea progressing through the stages of the writing process of prewriting, drafting, revising, editing successive versions.

Writing Applications: Students write compositions that describe and explain familiar objects, events and experiences.

Written and Oral English Language Conventions: Students write and speak with a command of standard English conventions that are grade-level appropriate.

Listening and Speaking:

Students listen and respond critically to oral communication using proper phrasing, pitch, and modulation.

Speaking Applications: Students deliver brief recitations and oral presentations about familiar experiences or interests that are organized around a coherent thesis statement.

MATHEMATICS

Texts: Houghton Mifflin CA Math-Level 4

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, and use the concepts of negative numbers.
- Extend their use and understanding of whole numbers to the addition and subtraction of simple decimals.
- Solve problems involving addition, subtraction, multiplication, and division of whole numbers.
- Know how to factor small whole numbers.

Algebra and Functions

- Use and interpret variables, mathematical symbols, and properties to write and simplify expressions and 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.

Statistics, Data Analysis and Probability

- Organize, represent, and interpret numerical and categorical data.

Mathematical Reasoning

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

SCIENCE

Text/ Program: *Harcourt California Science*

- Physical Science: Electricity and magnetism are related effects that have many useful applications in everyday life.
- Life Science: All organisms need energy and matter to live and grow. Living organisms depend on one another and on their environment for survival.
- Earth Sciences: The properties of rocks and minerals reflect the process that formed them. Waves, wind, water, and ice shape and reshape Earth's land surface.
- Investigation and Experimentation: Scientific progress is made by asking meaningful questions and conducting careful investigations.

HISTORY SOCIAL SCIENCE

Text/ Program: *Houghton Mifflin Social Studies- Oh, California*

- Identifies and locates geographic features in California.
- Describe the social, political, cultural and economic life and interactions among people of California.
- Explain the economic, social, and political life of California from the establishment of the Bear Flag Republic through the Mexican-American War, the Gold Rush and California 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, functions, and powers of the local, state, and federal governments as described in the U.S. Constitution.

VISUAL AND PERFORMING ARTS

Text/ Program: Multiple sources that may include Art Attack, Art in Action, instrumental music instruction, choral and music instruction:

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

Text/ Program: *SPARK - Sports, Play, and Active Recreation for Kids*

- Demonstrate basic motor skills, and movement patterns needed to perform a variety of physical activities.
- 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 demonstrate ways in which they can maintain healthy bodies and practice positive personal health habits.

TECHNOLOGY

Students will

- Operate basic functions of computer, monitor (on and off)
- Work cooperatively & collaboratively with peers and others when using technology
- Understand rules for handling technology Use District Acceptable Technology Use Guidelines
- Practice responsible use of technology systems and software
- Understand consequences for misuse of technology

LIBRARY MEDIA PROGRAM

Students will regularly visit the Library Media center and use the resources responsibly. These resources will include both print and electronic media. Students will begin to locate materials appropriate for their use. The skills practiced in the Library setting will integrate with other curriculum areas of the Fourth Grade program.