

GRADE LEVEL SNAPSHOT

This year in Berkeley Unified your student will learn to...

LANGUAGE ARTS

- Read and analyze literary and informational texts with increasing complexity, citing textual evidence.
- Determine themes, summarize key ideas, and analyze how authors develop point of view.
- Write argumentative, explanatory, and narrative texts using relevant evidence and clear organization.
- Conduct short research projects using multiple sources, paraphrasing and citing information accurately.
- Apply knowledge of grammar, sentence structure, and academic vocabulary in writing and speaking.



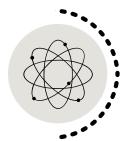
MATHEMATICS

- Apply ratio reasoning to solve real-world and mathematical problems involving proportional relationships.
- Divide fractions and perform all operations with multi-digit decimals and whole numbers.
- Use variables to write and evaluate expressions and solve one-step equations and inequalities.
- Analyze data distributions and interpret statistical measures (e.g., mean, median, range).
- Solve problems involving area, surface area, and volume of geometric figures.



SCIENCE

- Explore the role of energy in Earth's systems, including weather, climate, and the water cycle.
- Investigate forces and motion using models and data collection.
- Understand how cells and systems support the structure and function of living organisms.
- Analyze ecosystems and the flow of matter and energy between organisms and their environment.
- Use models and simulations to explain scientific phenomena and support evidence-based claims.



SOCIAL STUDIES & ETHNIC STUDIES

- Study the early development of civilizations in Mesopotamia, Egypt, India, China, Greece, and Rome.
- Analyze the social, political, and economic structures of ancient societies.
- Explore how geography influenced the development of human civilizations.
- Compare belief systems, cultural traditions, and contributions of ancient civilizations.
- Use historical thinking skills to interpret primary and secondary sources and construct arguments.





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This year in Berkeley Unified your student will learn to...

VISUAL & PERFORMING ARTS

- Perform and interpret music using appropriate techniques and musical notation.
- Compose, improvise, and critique music using formal elements such as rhythm and harmony.
- Create two- and three-dimensional artworks that communicate personal or cultural meaning.
- Analyze and evaluate visual and musical works using discipline-specific vocabulary.
- Explore how the arts reflect and influence history, culture, and social values.



INFORMATION & DIGITAL LITERACY

- Use digital tools to conduct research, organize findings, and present information effectively.
- Evaluate digital sources for credibility, relevance, and bias.
- Create multimedia projects that integrate text, images, audio, or video.
- Learn how to use library resources and technology to support learning.
- Practice safety and responsible behavior when using digital tools and the school library.



SOCIAL EMOTIONAL LEARNING

- Identify personal strengths, challenges, and growth areas through reflection and goalsetting.
- Manage time, emotions, and stress using self-monitoring and coping strategies.
- Demonstrate respect for others' perspectives, backgrounds, and contributions.
- Apply collaborative skills to resolve conflicts and participate in group decision-making.
- Build academic confidence by learning from mistakes and adapting strategies as needed.



HEALTH & FITNESS

- Demonstrate competency in complex motor skills and movement patterns during physical activities.
- Develop and monitor personal fitness goals using health-related fitness principles.
- Identify the effects of lifestyle choices on physical, emotional, and mental health.
- Apply safety rules and risk reduction strategies in physical and health-related settings.
- Show respect, leadership, and teamwork in cooperative and competitive activities.



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