



7<sup>TH</sup> GRADE

# GRADE LEVEL SNAPSHOT

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

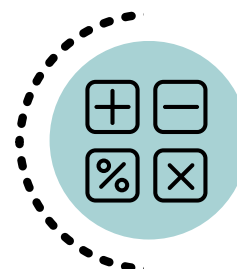
## LANGUAGE ARTS

- Analyze complex literary and informational texts for central ideas, structure, and author's purpose.
- Support analysis with multiple pieces of textual evidence and draw inferences.
- Write argumentative, informative, and narrative texts using logical organization and relevant evidence.
- Conduct short research projects using credible sources and proper citation.
- Use a variety of sentence structures, precise vocabulary, and standard grammar conventions.



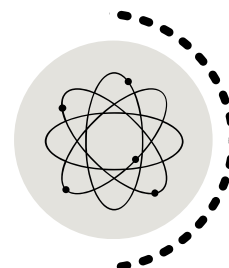
## MATHEMATICS

- Apply proportional reasoning to solve percent, ratio, and scale problems.
- Perform operations with positive and negative rational numbers in real-world contexts.
- Solve linear equations and inequalities and graph solutions on a number line.
- Analyze and compare data distributions using statistical measures.
- Solve problems involving area, surface area, and volume of geometric figures, including circles.



## SCIENCE

- Investigate chemical reactions and the conservation of matter using models and data.
- Analyze the cycling of matter and flow of energy in ecosystems.
- Explore natural selection and how traits affect the survival and reproduction of organisms.
- Understand Earth's history and the geologic processes that shape landforms.
- Use simulations, argument from evidence, and scientific modeling to explain phenomena.



## SOCIAL STUDIES & ETHNIC STUDIES

- Study world history from the fall of the Roman Empire to the Enlightenment.
- Analyze the rise and impact of major world religions and empires.
- Examine the development of political systems, economies, and social hierarchies.
- Compare major historical turning points across regions and cultures.
- Use primary and secondary sources to construct historical arguments and interpretations.





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## VISUAL & PERFORMING ARTS

- Perform and interpret music with increasing technical skill and expression.
- Create original compositions or artworks that reflect personal voice and intent.
- Use the elements of art and music to analyze and respond to creative works.
- Evaluate and critique music and visual art using formal vocabulary and criteria.
- Explore the role of the arts in shaping and reflecting cultural and historical movements.



## INFORMATION & DIGITAL LITERACY

- Conduct in-depth digital research using search strategies and evaluation criteria.
- Create multimedia presentations that synthesize and communicate key ideas.
- Understand copyright, plagiarism, and ethical responsibilities in digital environments.
- 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

- Demonstrate self-discipline and resilience in academic and personal tasks.
- Use emotional awareness to strengthen decision-making and conflict resolution.
- Build empathy and engage respectfully with diverse perspectives and experiences.
- Set personal, academic, and social goals and evaluate progress over time.
- Advocate for self and others while maintaining positive peer and adult relationships.



## HEALTH & FITNESS

- Refine motor skills and apply game strategies in individual and team sports.
- Monitor progress toward personal fitness goals using appropriate assessment tools.
- Describe how choices about nutrition, exercise, and sleep impact lifelong health.
- Practice injury prevention, personal safety, and decision-making skills.
- Demonstrate leadership, communication, and collaboration in group physical activities.



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