

MATH TOPICS

continued

Operations and Algebraic Thinking

- Fluency with basic Multiplication and Division Facts
- Multiplication and Division Strategies
- Even and Odd Numbers
- Identify, Generate, and Explain Patterns
- Estimation
- Additive, Associative, and Commutative Properties of Addition and Multiplication
- Distributive, Identify, and Zero Properties

Measurement, Data, and Geometry

- Estimate, Compare, and Measure Volume and Area
- Time and Elapsed Time
- Interpret, Compare, Create Bar Graph, Picture Graph, Line Plot, and Tally
- Angles and Two-Dimensional Attributes
- Classify, Draw, and Make Models of Polygons
- Find Area and Perimeter of Polygons

All areas use problem-solving activities to connect Mathematics to a real-world context.

The topics listed are topics that may be covered during the course of the school year.

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**BERKELEY HEIGHTS
PUBLIC SCHOOLS
2019-2020**



**GRADE 3
CURRICULUM TOPICS**

LANGUAGE ARTS LITERACY TOPICS

Writing Units of Study

- The Writing Community
- Personal Narrative
- Opinion Essay
- Fiction
- Functional Writing (How-To)
- Poetry
- Expository Nonfiction

Grammar

- Sentence Types
- Sentence Parts
- Sentence Structure
- Paragraphs/Indentation
- Single/Plural Nouns
- Subject/Verb Agreement
- Pronouns
- Adjectives
- Capitalization
- Punctuation
- Comma

Reading Skills/Units of Study

- Cueing Systems
- Prereading
- Post-reading
- Story Elements
- Reader's Response
- Literal, Interpretive, and Evaluative Comprehensions
- Nonfiction Study
- Poetry
- Fables, Folktales, & Myths
- Critical Thinking

LANGUAGE ARTS LITERACY TOPICS

continued

Handwriting

- Formation of letters in cursive
- Posture
- Grip
- Paper Position

Spelling

Each student will be assessed to determine his/her skill level and then placed in one of the three stages of spelling.

- Letter Name
- Within Word Pattern
- Syllable Juncture

SCIENCE TOPICS

- Scientific Process
- Science and Society
- Mathematical Applications
- Nature and Process of Technology
- Weather and Climate
- Electrical and Magnetic Forces
- Force and Motion
- Characteristics of Living Organisms, Continuing the Cycle
- Organisms and the Environment
- Using Evidence to Understand Changes in the Environment

SOCIAL STUDIES TOPICS

- Rules, Laws, and Responsibilities of citizens
- American Symbols and Levels plus Branches of Government
- Basic economic understanding including needs, wants, goods, services, and the importance of money
- Immigration and its impact on the culture of the U.S.
- Map Skills
- History of Berkeley Heights

MATH TOPICS

Number and Operation in Base Ten

- Addition and Subtraction to 1000
- Divide by Single Digit Divisor with Remainder
- Arrays and Multiples of 10
- Area and Arrays
- Place Value to 10,000

Number and Operations - Fractions

- Compare and Order Fractions on a Number Line
- Equivalent and Partitioned Fractions