

# MATH TOPICS

## Counting and Cardinality

- Comparing Numbers
- Counting Quantities
- Writing Numbers
- Automatic Recognition from 1-6

## Number and Operations in Base Ten

- Addition and Subtraction 1-5
- Counting Sequence Within 100
- Skip Counting by 10's
- Compose Sets of 10
- Place Value 1-20

## Operations and Algebraic Thinking

- Basic Addition and Subtraction Facts Within 10
- Decomposing Numbers
- Inverse Addition and Subtraction
- Identifying and Creating Patterns

## Measurement, Data, and Geometry

- Compare Lengths and Weights
- Order Weight
- Classify, Count, Interpret, and Represent Data
- Two and Three Dimensional Shapes: Attributes, Identify, Sort, Model
- Additive and Association Property of Addition

*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.*

## BERKELEY HEIGHTS PUBLIC SCHOOLS 2019 – 2020

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## KINDERGARTEN CURRICULUM TOPICS

## LANGUAGE ARTS LITERACY TOPICS

### Writing Units of Study

- Launching the Writer's Workshop
- Writing for Many Reasons
- Me Stories
- Noticing Mechanics of Writing
- Nonfiction -Writers Notice & Observe
- Poetry

### Foundational Skills

- Parts of a Book
- Letter vs. Word Discrimination
- Recognizing Punctuation
- Phonological Awareness including Phonemic Awareness and Phonics
- Sound/Symbol Relationships

### Reading Units of Study

- Getting Ready to Read
- Reading for Many Reasons
- Reading Strategies
- Reading for Information
- Poetry
- Character Study
- On My Way to Being a Lifelong Reader

## LANGUAGE ARTS LITERACY TOPICS

### continued

### Handwriting

- Formation of Letters
- Posture
- Grip
- Paper Position

### Spelling

- Sight Words
- Beginning and Ending Consonant Sounds
- Short Vowels

## SCIENCE TOPICS

- Scientific Process
- Science and Society
- Mathematical Applications
- Nature and Process of Technology
- Engineering and Design
- Weather
- Pushes and Pulls
- Effects of the Sun
- Basic Needs of Living Things
- Basic Needs of Human Beings

## SOCIAL STUDIES TOPICS

### Family

- Home
- Similarities and Difference
- Traditions/Culture

### Community

- Basic Needs
- Community Helpers
- Goods and Services
- Maps and Globes
- Neighborhoods

### Citizenship

- American Symbols
- Holidays
- Leaders
- Voting

### Character Development

- Respect, Fairness, and Honesty
- Choices and Decisions
- Rules/Conflict Resolution

### Changes

- Seasons
- Past and Present
- People Grow and Change

### Our World

- Diversity
- Responsibility
- Communication