## "Spark Education

## 2023-2024

Offline Spark Math Program


Syllabus

## Suitable for

Kindergarten students in the United States

## Class Format

Impactful and fun small group classes

## Course Content

- School syllabus
- Higher-order thinking questions in examinations
- Calculation strategies


## Program Aims

- Solve key and difficult concepts and skills in school syllabus
- Develop children's interest in mathematics, develop higher-order thinking skills and enhance learning competitiveness
- By expanding concepts and depth both in and out of the classroom, we aim to enhance children's independent thinking abilities and cultivate their problem-solving skills in real-life situations



## September

| Module | Lesson |
| :---: | :---: |
| Computational Thinking | Simple Picture Graphs |
|  |  |
| Numbers and Operations | Corting and Classifying |
|  |  |

Spark Math Program L1 Syllabus
September
"Spark Education


## Spark Math Program L1 Syllabus

## October

| Module | Lesson |
| :---: | :---: |
| Numbers and Operations | Number Bonds of 8, 9, and 10 |
| Computational Thinking | Comparing Length Reasoning: Clear the Path |
| Computational Thinking |  |

Spark Math Program L1 Syllabus
October
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## Spark Math Program L1 Syllabus

## November

| Module | Lesson |
| :---: | :---: |
| Computational Thinking | Comparing Mass I |
|  |  |
| Numbers and Operations | Comparing Mass II |

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## December

| Module | Lesson |
| :---: | :---: |
| Numbers and Operations | Addition and Subtraction Within 10 |
|  |  |
| Comparing Numbers |  |

## Revision Test



## Spark Math Program L1 Syllabus

## February

| Module | Lesson |
| :---: | :---: |
| Numbers and Operations | Making Numbers Equal |
| Word Problems |  |
| Computational Thinking |  |
| Geometry |  |

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## March

| Module | Lesson |
| :---: | :---: |
| Geometry | Shape Puzzles II |
| Numbers and Operations | Numbers to 50 |
|  | Addition and Subtraction Without Regrouping |
| Computational Thinking |  |

Spark Math Program L1 Syllabus


## April

| Module | Lesson |
| :---: | :---: |
| Computational Thinking | Growing or Shrinking Patterns |
| Geometry |  |
| Algebraic Thinking |  |
| Geometry |  |

Spark Math Program L1 Syllabus


| May |  |
| :---: | :---: |
| Wodule | Lesson |
| Word Problems | Positions in a Queue |
|  | Addition With Regrouping |
| Geometry |  |

Spark Math Program L1 Syllabus


