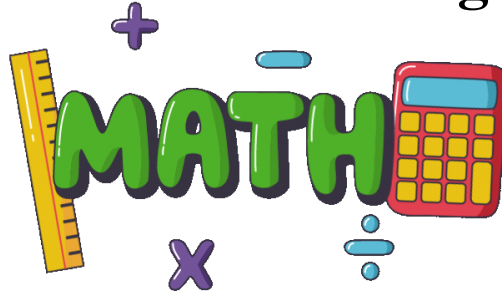


Common Core Math Domains and Mathematical Practices for Kindergarten



The Common Core math standards consist of several domains along with the Mathematical Practices. Below, you will see what learners are expected to know and do by the end of kindergarten.

Counting and Cardinality

- Know number names and the count sequence
- Count to tell the number of objects
- Compare numbers

Operations and Algebraic Thinking

- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from

Number and Operations in Base Ten

- Work with numbers 11-19 to gain foundations for place value

Measurement and Data

- Describe and compare measurable attributes
- Classify objects and count the number of objects in each category

Geometry

- Identify and describe shapes
- Analyze, compare, create, and compose shapes

Mathematical Practices

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.