Mathematics-Grade 3 S2

Description

In Math Grade Three, students will learn to multiply and divide within 144 to solve real-world problems. The course provides the opportunity for students to develop an understanding of fractions and area. Students will add and subtract multi-digit numbers using a standard algorithm and will define attributes of quadrilaterals. Describing and analyzing lines is another focus of the course. Other engaging activities include learning about data, time, and measurement.

Required Materials

Students will need the following materials: printer, cell phone or scanner, headset or earbuds, notebook, pen, pencils, erasers, scissors, coloring materials (markers, crayons, colored pencils), glue, tape, stapler, ruler, printer paper, lined paper, colored paper, and general household objects for activities.

Major Topics and Concepts

Segment Two

- Identifying and drawing quadrilaterals
- Identifying and drawing lines of symmetry in two-dimensional figures
- Identifying and drawing points, lines, line segments, and rays
- Finding perimeter and area of a rectangle and composite figures
- Solving real-world problems involving perimeter and area
- Reading and writing fractions
- Plotting, ordering, and comparing fractions greater than and less than one
- Finding equivalent fractions
- Comparing fractions with the same denominator
- Comparing fractions with the same numerator
- Representing and identifying whole numbers as fractions
- Telling time to the nearest minute using a.m. and p.m.
- Solving real-world problems with elapsed time
- Measuring length, liquid volume, and temperature
- Solving real-world problems involving length, mass, weight, temperature, and liquid volume
- Multiplying and dividing fluently
- Solving one- and two-step real-world problems involving multiplication and division

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