Course Syllabus

Description:

In Math Grade 2, students will use addition and subtraction within 100 to solve one- and two-step word problems. The course provides the opportunity for students to continue building their understanding of place value using hundreds, tens, and ones. Students will use this knowledge, as well as strategies, to add and subtract within 1,000. Categorizing 2-D shapes and identifying lines of symmetry is another focus of the course, as well as working with money, time, measurement, perimeter, and graphing data.

Estimated Completion Time: 2 Segments, 32–36 weeks

Major Topics and Concepts

Segment One

- Reading and writing numbers within 1,000
- Rounding two-digit numbers to the nearest 10
- Comparing numbers within 1,000
- Adding within 100 using strategies
- Subtracting within 100 using strategies
- Adding two-digit numbers with regrouping
- Subtracting two-digit numbers with regrouping
- Using addition and subtraction to solve one- and two-step word problems
- Using money to solve one- and two-step word problems
- Telling time to nearest five minutes and quarter hour

Segment Two

- Adding within 1,000
- Subtracting within 1,000
- Representing data using graphs
- Drawing polygons
- Categorizing polygons
- Identifying a line of symmetry
- Partitioning circles and rectangles
- Estimating lengths
- Measuring lengths
- Using measurement to solve one- and two-step word problems
- Finding perimeter with and without unit segments
- Using repeated addition to find a total

Students will need the following materials: printer, cell phone or scanner, notebook, pencils, erasers, scissors, brad fastener, crayons or colored pencils, glue, tape, ruler, printer paper, colored paper, and common household objects for counting.

Grading Policy:

Besides engaging students in challenging curriculum, the course guides students to reflect on their learning and evaluate their progress through a variety of assessments. Assessments can be in the form of practice lessons, multiple-choice questions, writing assignments, projects, oral assessments, and discussions. Core courses will use the state-approved grading scale, and Special Area courses will use an S or U grading scale.

Communication Policy:

To achieve success, students are expected to submit work in each course weekly. Students can learn at their own pace; however, "any pace" still means that students must make progress in the course every week. To measure learning, students complete self-checks, practice lessons, multiple-choice questions, discussion-based assessments, discussions, and projects. Students and families are expected to maintain regular contact with teachers; the minimum requirement is monthly. When teachers, students, and parent or guardians work together, students are successful.