Course Syllabus

Description:

In Math Grade Five, students will add, subtract, multiply, and divide multi-digit whole numbers. The course provides the opportunity for students to develop an understanding of adding, subtracting, and multiplying fractions by whole numbers. Analyzing and classifying shapes is another focus of the course. Other engaging activities include learning about data/line plots, decimals, and measurement.

Prerequisites: N/A

Estimated Completion Time: 2 segments, 32–36 weeks

Segment One

- Place value
- Rounding decimals to hundredths
- Adding decimals to thousandths
- Subtracting decimals to thousandths
- Multiplying multi-digit whole numbers
- Multiplying decimals
- Dividing multi-digit whole numbers
- Dividing decimals
- Adding fractions
- Subtracting fractions
- Multiplying fractions
- Dividing fractions

Segment Two

- Classifying 2-D shapes
- Classifying 3-D shapes
- Area
- Volume
- Converting measurements
- Representing and interpreting data
- Numerical expressions
- Graphing on a coordinate plane
- Numerical patterns

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.

Besides engaging students in a 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, projects, discussion-based assessments, and discussions. Students and families are expected to maintain regular contact with teachers because when teachers, students, and parents work together, students are successful.