

Grade Level:	4th
Class Title:	Math
Subject:	Math
Class Description:	<p>Grade 4 Math will focus on three areas:</p> <p>(1) developing understanding and fluency with multi-digit multiplication, and developing understanding of dividing to find quotients involving multi-digit dividends;</p> <p>(2) developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions by whole numbers;</p> <p>(3) understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.</p> <p>This class will work toward one or more state standards. This will be a year-long class, spanning the 2022-2023 school year.</p> <p>The estimated instructional hours for this class are ____per week. State Cedars Code: 02039 This remote class is overseen by the certificated teacher/consultant.</p>
Learning Materials:	<p>List all materials.</p> <p><u>Operations and Algebraic Thinking</u> Use the four operations with whole numbers to solve problems. Gain familiarity with factors and multiples. Generate and analyze patterns.</p> <p><u>Number and Operations in Base Ten</u> Generalize place value understanding for multi-digit whole numbers. Use place value understanding and properties of operations to perform multi-digit arithmetic.</p> <p><u>Number and Operations—Fractions</u> <i>(Grade 4 expectations in this domain are limited to fractions with denominators 2, 3, 4, 5, 6, 8, 10, 12, and 100)</i> Extend understanding of fraction equivalence and ordering. Build fractions from unit fractions. Understand decimal notation for fractions, and compare decimal fractions.</p> <p><u>Measurement and Data</u> Solve problems involving measurement and conversion of measurements. Represent and interpret data. Geometric measurement: understand concepts of angle and measure angles.</p> <p><u>Geometry</u> Draw and identify lines and angles, and classify shapes by properties of their lines and angles.</p> <p>A team of certificated teachers who are highly qualified in this subject matter has reviewed this WSLP. This is just a sample of learning goals. Other learning goals are available to view by going to OSPI's website. https://www.k12.wa.us/student-success/learning-standards-instructional-materials</p>
Learning Goals/ Performance Objectives:	<p>The student will complete 4 lessons a week.</p>
Learning Activities:	<p>The student will practice math facts 10 minutes each day.</p> <p>The student will complete one written assessment each week.</p>

**Progress
Criteria/
Methods of
Evaluation:**

The student will keep a portfolio of weekly work samples and any written assessments to present to consultant at face-to-face meetings each month. Monthly assessments will be completed by the consultant/certified teacher. Monthly Progress will be marked satisfactory or unsatisfactory based on the professional judgment of the certified teacher using parent input, work samples, and monthly assessments.