

Fifth Grade Math U See - Epsilon

Box 1: Class Description

This year-long course covers the fifth grade math content noted below. Weekly certificated contact will be completed through direct personal contact with an HQ/certificated teacher in an on-site HC class. At least one state standard will be covered in this course.

Box 2: Learning Materials

The curriculum, books, supplies, materials, web-sites, and other sources used for this course are the Math U See Fifth Grade Math Program – Epsilon.

(Make additions as you see fit.)

Box 3: Learning Goals/Performance Objectives

The schedule of month-by month learning goals below, will likely not be exactly adhered to by the student. The schedule is approximate. Monthly coverage of these goals will vary according to the student's strengths and interests. The clear goal, however, is coverage of all of the goals below, by the end of the school year.

Level 6 EPSILON: There are 30 lessons included, with specific lessons and content noted below. We will complete lessons as follows:

SEPTEMBER: LESSON 1 Fraction of a Number LESSON 2 Fraction of One LESSON 3 Add and Subtract Fractions

OCTOBER: LESSON 4 Equivalent Fractions LESSON 5 Addition and Subtraction LESSON 6 The Rule of Four LESSON 7 Comparing Fractions with the Rule of Four

NOVEMBER: LESSON 8 Adding Multiple Fractions LESSON 9 Multiplying Fractions LESSON 10 Dividing Fractions with the Rule of Four

DECEMBER: LESSON 11 Finding Common Factors and Divisibility LESSON 12 Reducing Fractions—Common Factors LESSON 13 Reducing Fractions—Prime Factors

JANUARY: LESSON 14 Linear Measure LESSON 15 Mixed Numbers and Improper Fractions LESSON 16 Linear Measure with Mixed Numbers

FEBRUARY: LESSON 17 Addition and Subtraction of Mixed Numbers LESSON 18 Addition of Mixed Numbers LESSON 19 Subtraction of Mixed Numbers

MARCH: LESSON 20 Subtraction of Mixed Numbers LESSON 21 Adding Mixed Numbers LESSON 22 Subtracting Mixed Numbers

APRIL: LESSON 23 Dividing Fractions and Mixed Numbers LESSON 24 Solving for an Unknown LESSON 25 Multiplying Three Fractions

MAY: LESSON 26 Solving for an Unknown LESSON 27 Area and Circumference of Circle
LESSON 28 Solving for an Unknown

JUNE: LESSON 29 Fractions to Decimals to Percents LESSON 30 More Solving for an
Unknown APPENDIX A Finding the Area of a Trapezoid

Box 4: Learning Activities

Each day the student will complete a math lesson. They will have a new lesson/concept/learning explained, demonstrated/taught. They'll complete practice problems to ensure understanding of content. They will have independent practice/homework over those concepts. They will re-do and correct any which they missed. When review is needed, we'll not learn a new concept but take the time needed to re-teach or reinforce needed concepts.

(Make additions or deletions as you see fit.)

Box 5: Progress Criteria/ Methods of Evaluation

Student monthly progress evaluation is made on the basis of weekly certificated contact, work samples, communications with students, communications with parents, and performance in on-site classes. It is electronically communicated to parents via WINGS. It is our goal that the student will accomplish approximately 10% of the goals of this course each month, September through June. The level of mastery expected is 70% or higher to progress. Methods of evaluation will include but are not limited to those below, under the direction of an HQ teacher:

- * observation and/or correction of daily and/or weekly work and progress
- * daily or weekly discussion of assignments, readings, writings
- * correction of work done incorrectly
- * portfolio kept of student work, at least weekly

(Make additions or deletions as you see fit, to asterisks.)

Box 6: Weekly Hours

Please estimate the number of hours your student will work on this course.