

First Grade Math U See - Alpha

Box 1: Class Description

This year-long course covers the first 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 Math U See Alpha Program

(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 2 ALPHA There are 30 lessons included, with specific lessons and learning goals noted below. We will complete lessons as follows:

SEPTEMBER: LESSON 1 Place Value and the Manipulatives LESSON 2 Counting to 20
LESSON 3 Unit Bars

OCTOBER: LESSON 4 Addition: Symbols, +0 LESSON 5 Addition: +1, Commutative Property
LESSON 6 Counting to 100; Skip Counting by 10 LESSON 7 Addition: +2

NOVEMBER: LESSON 8 Solve for Unknown LESSON 9 Addition: +9, Mental Math LESSON
10 Addition: +8

DECEMBER: LESSON 11 Shapes: Circles and Triangles LESSON 12 Addition: Doubles
LESSON 13 Rectangles, Squares; Skip Counting by 5

JANUARY: LESSON 14 Addition: Doubles +1 LESSON 15 Addition: Making 10 LESSON 16
Addition: Making 9

FEBRUARY: LESSON 17 Addition of the Extras: $3 + 5$, $4 + 7$, $5 + 7$ LESSON 18 Introduction
to Subtraction LESSON 19 Subtraction: -1 and -0

MARCH: LESSON 20 Subtraction: -2 LESSON 21 Subtraction: -9 LESSON 22 Subtraction: -8

APRIL: LESSON 23 Subtraction: Doubles LESSON 24 Subtraction: Making 10 LESSON 25
Subtraction: Making 9

MAY: LESSON 26 Subtraction: Extras LESSON 27 Subtraction by 7, or Adding Up by 3
LESSON 28 Subtraction by 6, or Adding Up by 4

JUNE: LESSON 29 Subtraction by 5, or Adding Up by 5 LESSON 30 Subtraction by 3 and 4
APPENDIX A Telling Time: Minutes APPENDIX B Telling Time: Hours

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 each week.