

## **Fourth Grade Math U See - Delta**

### **Box 1: Class Description**

This year-long course covers the fourth 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 Fourth Grade Math Program – Delta.

(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 5 DELTA There are 30 lessons included, with specific lessons and content noted below. We will complete lessons as follows:

SEPTEMBER: LESSON 1 Rectangles, Factors and Product LESSON 2 Division by 1 and 2, Symbols for Division LESSON 3 Division by 10, Third Symbol for Division

OCTOBER: LESSON 4 Division by 5 and 3 LESSON 5 Parallel and Perpendicular Lines  
LESSON 6 Division by 9 LESSON 7 Finding the Area of a Parallelogram

NOVEMBER: LESSON 8 Division by 6 LESSON 9 Finding the Area of a Triangle LESSON 10  
Division by 4

DECEMBER: LESSON 11 Finding the Average LESSON 12 Division by 7 and 8 LESSON 13  
Finding the Area of a Trapezoid

JANUARY: LESSON 14 Thousands, Millions, and Place-Value Notation LESSON 15 Billions,  
Trillions, and Expanded Notation LESSON 16 Division by a Single Digit with Remainder

FEBRUARY: LESSON 17 Upside-Down Multiplication LESSON 18 Division with Double-  
Digit Factors LESSON 19 Division, Three Digit by One Digit

MARCH: LESSON 20 Division, Three Digit by One Digit LESSON 21 Rounding to 10, 100,  
1,000, and Estimation LESSON 22 Division, Three Digit by Two Digit

APRIL: LESSON 23 Division, Four Digit by One Digit LESSON 24 Division, Four Digit by Two Digit LESSON 25 Division, Multiple Digit by Multiple Digit

MAY: LESSON 26 Volume LESSON 27 Fraction of a Number LESSON 28 Roman Numerals: I, V, X, L, and C

JUNE: LESSON 29 Fraction of One LESSON 30 Roman Numerals: D, M, and Multiples of 1,000

#### **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.**