

## Elementary math 1 , Fall 2014

Instructor: Xinhua Yu, Email: [yu.xinhua@gmail.com](mailto:yu.xinhua@gmail.com)

**Materials:** the instructor will distribute course materials in class. They are corresponding to the textbook (Fan Math book 2 and 3) that were used in the previous semesters. No textbook required this semester.

**Time:** Every Sunday, 1:30-2:25 pm

**Lecturing format:** 5 minutes of mental math sprint, 15 minutes of arithmetic operations, and 25 minutes word problems.

**Homework:** 3 to 4 worksheets per week including both arithmetic operation drills and word problems.

**Parent information:** It is expected that parents should be heavily involved in reviewing class notes and helping students homework.

### Class topics and schedule:

Date	Class topics
August 24, 2014	Introduction, large number addition and subtraction, math mountain diagram, two step word problems
August 31, 2014	No School (Labor Day)
September 7, 2014	Arithmetic sequence, comparison word problems
September 14, 2014	Multiplication and division (less than 9), word problems involving multiplication
September 21, 2014	Mixed operation and order of operations, word problems involving multiplication and division
September 28, 2014	Patterns (1), more two step problems
October 5, 2014	No class (Fall Break)
October 12, 2014	Patterns (2), word problems involving four operations (1)

<b>October 19, 2014</b>	<b>Geometry, word problems involving four operations (2)</b>
<b>October 26, 2014</b>	<b>Speed math (1), word problems involving four operations (3)</b>
<b>November 2, 2014</b>	<b>Math with large numbers, word problems involving four operations (4)</b>
<b>November 9, 2014</b>	<b>More four operations, word problems involving distance and speed</b>
<b>November 16, 2014</b>	<b>Speed math (2), word problems involving time</b>
<b>November 23, 2014</b>	<b>Speed math (3), Challenging word problems</b>
<b>November 30, 2014</b>	<b>No class (Thanksgiving Break)</b>
<b>December 7, 2014</b>	<b>Final review</b>
<b>December 14, 2014</b>	<b>Optional for make up</b>

**Note: Topics and schedules are tentative and subject to change**