

**Knox County Schools Mathematics Curriculum**  
**Unit 4: Adding Two-Digit Numbers**

**2<sup>nd</sup> Grade Planning Guide**  
**Time: About 2-3 weeks**

<b>Knox County Key</b>	<b>Knox County Performance Objectives/ <i>State Assessed Performance Indicators</i></b>	<b>State Blueprint Key/SPI#</b>	<b>Lessons</b>	<b>Text Pages</b>
A	<b>1. Add two digit numbers (up to 3 addends) using a variety of strategies (with and without regrouping)</b> <i>Add and subtract two-digit whole numbers using a variety of strategies and representations</i>	2.1.3 e, 2.1.1L	10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 11.1, 11.4	257a-276, 289-290, 297-298
A	<b>2. Write/solve number sentences that describe situations involving addition</b> <i>Write and identify number sentences that describe situations involving addition and subtraction</i>	2.1.2c	10.7	279-281, 307-308
A	<b>3. Use estimation and rounding to justify whether the answer to a computation is reasonable</b> <i>Explain and justify solution strategies used in problem solving; use estimation and rounding to justify whether the answer to a computation is reasonable; check for reasonableness of solutions</i>	D 2.1.3 b, f, g	11.2	291-292
A	<b>4. Solve story problems with and without regrouping for addition</b> <i>Solve story problems involving numbers to 100; use calculators in problem solving situations</i>	2.1.3 a, c 2.2.5 b	11.5	299-302
*	<b>Facts Test A should be given at the end of this unit</b>			

<p><b>Essential Vocabulary:</b>  Refer to Houghton Mifflin, <b>Planning the Lesson</b> for vocabulary</p> <p><b>Writing Prompts:</b>  Refer to <b>Keeping a Journal</b> and Writing Prompts in the <b>Quick Check Options</b></p>	<p><b>Advanced Objectives:</b></p> <ol style="list-style-type: none"> <li>Choose a way to add 11.3</li> </ol>
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**State Accomplishments**

- *Solve a story problem and check for reasonableness of a solution (pp. 135-136)*

**Literature Resources:**

I've Got to Go by Robert Munsch

The Grapes of Math by Greg Tang

Coyotes All Around by Stuart Murphy

The Twelve Circus Rings by Seymour Chwast

Ready, Set, Hop by Stuart Murphy

Sea Sums by Joy n. Hulme

**Commercial Materials/manipulatives:**

Place value blocks, number line, 100's chart, base ten blocks, two color counters, popsicle type sticks, Awesome Addition and Super Subtraction - AIMS publication

**Technology:**

Additional technology websites are listed at the end of the curriculum guide.

**Text:**

Houghton Mifflin Math Grade 2, (2005) Boston: Houghton Mifflin Company.

**Assessment:**

Knox County Schools Mathematics Second Grade, Unit 4 Test

**Available in Houghton Mifflin Student Text:**

- Chapter Pretest
- Quick Checks
- Chapter Reviews
- Chapter Tests

**Available in Houghton Mifflin Assessment Book**

- Unit Tests