

Knox County Schools Mathematics Curriculum
Unit 8: Algebra, Integers and Coordinate Graphing

5th Grade Planning Guide
Time: About 1-2 weeks

Knox County Key	Knox County Performance Objectives/ <i>State Assessed Performance Indicators</i>	State Blueprint Key/SPI #	Lessons	Text Pages
A	1. Complete a function table, use patterns/relationships; write a rule to generalize patterns using a variable Apply basic function rules; generalize numerical patterns using a variable	A 5.2.3, 5.2.6	21.1, 21.2, 21.3, 21.4, 21.5,	566-580
A	2. Locate ordered pairs in Quadrant 1 <i>Locate and specify a point in Quadrant 1 of a coordinate system</i>	A 5.3.5		TMS
A	3. Use ordered pairs to plot points for data in Quadrant 1 <i>Locate and specify a point in Quadrant 1 of a coordinate system</i>	A 5.3.5		TMS

<p>Essential Vocabulary; Refer to Houghton Mifflin, <i>Planning the Lesson</i> for vocabulary</p> <p>Writing Prompts: Refer to <i>Keeping a Journal</i> and <i>Writing Prompts</i> in the <i>Quick Check Options</i></p>	<p>Advanced Objectives:</p> <ol style="list-style-type: none"> 1. Chapter 22- Integers pgs. 584-60 2. Integers and functions 23.2
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State Accomplishments

- *Introduce multiplying a fraction by a fraction (I)*
- *Introduce multiplying a fraction by a mixed number (I)*

Commercial Materials/manipulatives:

Lesson Transparencies
Fraction Strips
Two-Color Counters
Connecting Cubes
Place-Value Blocks/Base Ten Blocks

Technology:

- *Ways to Assess Customized Spiral Review and Test Generator CD*
- *Lesson Planner CD-ROM*
- *Ways to Success Intervention CD-ROM*
- *Math Tracks CD-ROM*
- *Education Place: www.eduplace.com/math/mw*
- *Houghton Mifflin Math eBook CD-ROM*
- *eManipulatives*
- *eGames*
- *TI 15 calculator*
- *Texas Instrument Calculator Teacher Guide*

Text: Houghton Mifflin Math Tennessee, Grade 5
www.eduplace.com/math/mw

Assessment:

Knox County Schools Mathematics Grade 5 Unit 8 Test

Available in Houghton Mifflin Student Text:

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

Available in Houghton Mifflin Assessment

- Unit Tests

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