

Knox County Schools Mathematics Curriculum
Unit 7: Percent/Probability

5th Grade Planning Guide
Time: About 1 week

Knox County Key	Knox County Performance Objectives/ <i>State Assessed Performance Indicators</i>	State Blueprint Key/SPI #	Lessons	Text Pages
A	1. Write percents as fractions and decimals; fractions and decimals as percents <i>Generate equivalent forms of fractions, decimals, and percents</i>	A 5.1.13	19.2	508-509 TMS
A	2. Determine the probability of single events; express as a fraction <i>Determine the most likely, least likely, or equally likely outcomes of a simple experiment ; represent the likelihood of an event using a fractional number from zero to one</i>	A 5.5.5, 5.5.6	20.1, 20.2, 20.3	528-534
Essential Vocabulary Refer to Houghton Mifflin, <i>Planning the Lesson</i> for vocabulary Writing Prompts: Refer to <i>Keeping a Journal</i> and <i>Writing Prompts</i> in the <i>Quick Check Options</i>		Advanced Objectives: 1. Compare ratios 18.1 2. Find equivalent Ratios 18.2 3. Find rates 18.3 4. Use proportions to solve problems 18.4		

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State Accomplishments

- *Order and compare fractions using number lines, base ten blocks, Venn diagrams, and hundreds boards. D*
- *Represent proper and improper fractions using objects, number line. D*
- *Identify and change improper fractions to mixed numbers and vice versa. D*
- *Recognize relationships among fractions and decimals. D*

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*

Literature Resources:

***Literature connections are provided at the end of the Student's text (642-643)**

Hershey Bar Math, by B. McGrath

More M&M's Math, by B. McGrath

Houghton Mifflin Math Tennessee, Grade 5

www.eduplace.com/math/mw

Assessment:

Knox County Mathematics Grade 5, Unit 7 Test

Available in Houghton Mifflin Student Text:

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

Available in Houghton Mifflin Assessment:

- Unit Tests