

Knox County Schools Mathematics Curriculum
Unit 7: Fractions and Decimals

3rd Grade Planning Guide
Time: About 3 weeks

Knox County Key	Knox County Performance Objectives/ <i>State Assessed Performance Indicators</i>	State Blueprint Key/SPI #	Lesson	Text page
A	1. Identify/write fractions for parts of a whole or set (halves, thirds, fourths, eighths, tenths) <i>Connect written and pictorial representations of fractions with denominators up to 10</i>	A 3.1.9	18.1, 18.2, 18.3, 18.4, 19.3	498-507, 524-526
A	2. Write fractional names for one using models or illustrations <i>Connect written and pictorial representations of fractions with denominators up to 10</i>	A 3.1.9	18.1	498-499
A	3. Compare/order fractions with numerators of 1 and denominators up to 10 <i>Compare fractions with numerators of 1 and denominators up to 10</i>	A 3.1.14	19.1 19.2	520-523
A	4. Add and subtract fractions with like denominators		19.4 19.5, 20.4	528-534 546
A	5. Read/write/compare decimals to hundredths		20.1, 20.2, 20.5	540-543, 548-549,
Essential Vocabulary: Refer to Houghton Mifflin, <i>Planning the Lesson</i> for vocabulary Writing Prompts: Refer to <i>Keeping a Journal</i> at the end of each lesson and <i>Writing Prompts in Quick Check Options</i>		Advanced Objectives: 1. Model equivalent fractions 18.5 2. Find equivalent fractions 18.6 3. Write decimals greater than one 20.3 4. Compare and order fractions and decimals 20.6 5. Relate decimals, fractions, and money 20.7		

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<p>State Accomplishments _ Find the fractional part of a group I _ Connect the spoken or written word names and concrete or pictorial representations of fractions D _ Compare and order decimal amounts written as money. I _ Identify position of $\frac{a}{b}$, $\frac{c}{d}$, on a number line D</p> <p>Literature Resources: http://www.sci.tamucc.edu/%7Eeyoung/literature.html <u>Fractions are Parts of Things</u>, by J.R. Dennis <u>Apple Fractions</u>, by Jerry Pallotta <u>Hershey's Fractions</u>, by Jerry Pallotta <u>Give Me Half?</u>, by Stuart Murphy <u>Gator Pie</u>, by Louise Mathews <u>Clean Sweep Campers</u>, by Lucille Penner</p> <p>Commercial Materials/manipulatives: Fraction bars Fraction circles Cuisenaire Rods</p>	<p>Technology:</p> <ul style="list-style-type: none">• http://www.math.rice.edu/~lanius/fractions/index.html• http://mathforum.pow• http://www.pbskids.org/cyberchase/games/equivalentfractions/equivalentfraction/html• http://nlvm.usu.edu/en/nav/vlibrary.gtml• <p>Assessment: Knox County Grade 3 Unit 7 test</p> <p>Text: <u>Houghton Mifflin Math</u></p> <p>Available in Houghton Mifflin Student Text:</p> <ul style="list-style-type: none">• Chapter Pretest• Quick Checks• Chapter Reviews• Chapter Tests <p>Available in Houghton Mifflin Assessment Book</p> <ul style="list-style-type: none">• Unit Tests
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