



Hattiesburg Public School District

Grade 5 Mathematics Units

2015 – 2016



Unit 2: Place Value Understanding of Decimals	Time Frame: 3 Weeks (Sept 8-28)
Content Standards	Standards for Mathematical Practice
Major Standards	<ul style="list-style-type: none"> (1) Make sense of problems and persevere in solving them. (2) Reason abstractly and quantitatively. (3) Construct viable arguments and critique the reasoning of others. (4) Model with mathematics. (5) Use appropriate tools strategically. (6) Attend to precision. (7) Look for and make use of structure. (8) Look for and express regularity in repeated reasoning.
<p>5.NBT.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and $1/10$ of what it represents in the place to its left.</p> <p>5.NBT.3a Read, write, and compare decimals to thousandths Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$.</p> <p>5.NBT.3b Read, write, and compare decimals to thousandths Compare two decimals to thousandths based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.</p> <p>5.NBT.4 Use place value understanding to round decimals to any place.</p>	
Supporting Standards	
Additional Standards	
Pre-requisite Standards	



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Lesson 1	Lesson 2	Lesson 3	Lesson 4	Performance Task
<p>Lesson Topic: Decimal Place Value Standard Ref: 5.NBT.1 Resource/Strategy:</p> <ul style="list-style-type: none"> • http://www.cpalms.org/Public/PreviewResource/Preview/28707 • https://learnzillion.com/lessonsets/554-recognize-the-value-of-digits-in-a-multi-digit-number-using-number-lines-and-base-ten-blocks • EngageNY.org- Module 1, Topic A, Lessons 1-2 • https://grade5com.moncoremath.wikispaces.org/5.NBT.1 	<p>Lesson Topic: Reading & Writing Decimals Standard Ref: 5.NBT.3a Resource/Strategy:</p> <ul style="list-style-type: none"> • EngageNY.org- Module 1, Topic B, Lesson 5 • http://www.cpalms.org/Public/PreviewResource/Assessment/Preview/56910 • Decimal Clue Conundrum http://maccss.ncdpi.wikispaces.net/file/view/CCSSMathTasks-Grade5.pdf • https://learnzillion.com/lessonsets/134-read-and-write-decimals-to-the-thousandths-in- 	<p>Lesson Topic: Comparing Decimals through the Thousandths Standard Ref: 5.NBT.3b Resource/Strategy:</p> <ul style="list-style-type: none"> • EngageNY.org- Module 1, Topic B, Lesson 6 • https://grade5com.moncoremath.wikispaces.org/5.NBT.3 • http://www.cpalms.org/Public/PreviewResource/Assessment/Preview/56910 • Decimal Clue Conundrum http://maccss.ncdpi.wikispaces.net/file/view/CCSSMathTasks-Grade5.pdf 	<p>Lesson Topic Rounding Decimals Standard Ref: 5.NBT.4 Resource/Strategy:</p> <ul style="list-style-type: none"> • EngageNY.org- Module 1, Topic C, Lessons 7-8 • https://learnzillion.com/lessonsets/212-round-decimals-to-any-place-using-number-lines • https://grade5com.moncoremath.wikispaces.org/5.NBT.4 	<ul style="list-style-type: none"> • Several tasks for 5.NBT.1-5.NBT.4 http://3-5cctask.ncdpi.wikispaces.net/5.NBT.1-5.NBT4 • Batter Up! (georgiastandards) (pages 58-61) http://www.sandi.net/cms/lib/CA0101235/Centricity/Domain/13262/CCGPS_Math_5_Unit2FrameworkSE.pdf



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