

## UNITS DESIGN FRAMEWORK

### PART I: UNIT OVERVIEW

<b>Content</b>	Bits and Pieces III
<b>Grade Level</b>	6 <sup>th</sup>
<b>Power Standard/CCSS Power Standard</b>	PS: 6N3Cb, 6N1B CCSS: 6.NS, 6.RP.3c
<b>Suggested Length of Unit</b>	5 weeks

<b>Reference Deconstruction Document and Power Standard/CCSS Power Standard</b>	<a href="http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/Grade_5_Mathematics_DeconStd.pdf">http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/Grade_5_Mathematics_DeconStd.pdf</a> Pages: 17 <a href="http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/Grade_6_Mathematics_DeconStd.pdf">http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/Grade_6_Mathematics_DeconStd.pdf</a> Pages: 3 <a href="http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/Grade_8_Mathematics_DeconsStds.pdf">http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/Grade_8_Mathematics_DeconsStds.pdf</a> Pages: 3
---	--

<b>Unwrapped Concept:</b> Pull “the what” from deconstruction documents, should represent what students need to know.	<b>Key Vocabulary:</b> Pull academic vocabulary from deconstruction documents, should represent what students need to be able to do.	<b>Depth of Knowledge (DOK):</b>
Circle graphs Add/subtract decimals and fractions Rational numbers Number line Fraction, decimal, and percent	Estimate Compute Recognize Develop Use knowledge to develop algorithms Use estimates to make decisions	2

<p><b>Supporting Standards (current and CCSS):</b>  PS: 6N3Ca, 6N1Ab, 6N1B, 6RP1-3  CCSS: 6.RP, 6.EE, 6.NS</p>	<p><b>Other Vocabulary Terms:</b>  Decimals  Fractions  Percents  Place value  Estimating</p>
--	---

<p><b>Reference to Power Standard Assessment:</b> Paste the link to the appropriate power standard assessment in this box.</p>	<p><a href="http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/6N3Cb.pdf">http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/6N3Cb.pdf</a></p>
--	--

**PART II: LEARNING PROGRESSIONS**

<p><b>Directions:</b></p> <ol style="list-style-type: none"> <li>1. Copy the unwrapped power standard concepts, vocabulary, and DOK into the frames provided below.</li> <li>2. Brainstorm three to five possible performance tasks that incorporate these concepts, skills, and levels of rigor.</li> <li>3. Write a synopsis for each selected task and list the tasks in a “learning progressions” sequence. Bold those concepts and skills that are directly represented in the tasks.</li> </ol>
<p><b>Learning Progressions:</b></p> <p><b>Task 1:</b> Develop and use benchmarks and other strategies to estimate the answers to computations with decimals.</p> <p><b>Task 2:</b> Develop meaning of and algorithms for operations with decimals.</p> <p><b>Task 3:</b> Choose between addition, subtraction, multiplication, or division as an appropriate operation to use to solve a problem.</p> <p><b>Task 4:</b> Use understanding of operations and the meaning of percents to solve percent problems.</p> <p><b>Task 5:</b> Create and interpret circle graphs.</p>