UNITS DESIGN FRAMEWORK

PART I: UNIT OVERVIEW

Content	Covering and Surrounding & Common Core Investigation 4
Grade Level	6th
Power Standard/CCSS Power Standard	PS: 6M2C CCSS: 6.G
Suggested Length of Unit	6 weeks

Reference Deconstruction Document and Power Standard/CCSS Power Standard	http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/Grade_6_Mathematics_DeconStd.pdf Pages: 2, 7, 19

Unwrapped Concept: Pull "the what" from deconstruction documents, should represent what students need to know.	**Key Vocabulary**: Pull academic vocabulary from deconstruction documents, should represent what students need to be able to do.	**Depth of Knowledge** (DOK):
Area and perimeter of polygons Visual models/problems Unit of measure Area and volume Customary and metric measurements	Draw Use Apply Understand Recognize Make tables Use tables Develop relationships Discover relationships	3

Supporting Standards (current and CCSS): PS: 6N1Aa CCSS: 6.NS	**Other Vocabulary Terms:** Area Perimeter

	Polygons Volume Prism Surface area Nets

Reference to Power Standard Assessment: Paste the link to the appropriate power standard assessment in this box.	http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/6M2C.pdf

PART II: LEARNING PROGRESSIONS

Directions:
1. Copy the unwrapped power standard concepts, vocabulary, and DOK into the frames provided below.
2. Brainstorm three to five possible performance tasks that incorporate these concepts, skills, and levels of rigor.
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.

Learning Progressions:

Task 1: Use area to relate to covering a figure and use perimeter to relate to surrounding a figure.

Task 2: Develop strategies for finding areas and perimeters and discover relationships between perimeter and area.

Task 3: Develop formulas and procedures stated in words and/or symbols for finding areas and perimeters of rectangles, parallelograms, triangles and circles.

Task 4: Solve real-world and mathematical problems involving area, surface area, and volume.