UNITS DESIGN FRAMEWORK

PART I: UNIT OVERVIEW

Content	Data About Us and CMP Common Core Investigation 5
Grade Level	6th
Power Standard/CCSS Power Standard	PS: 6D1C, 6D2A CCSS: 6.SP
Suggested Length of Unit	4 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: 3, 9, 13, 15, 33

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):
Symbolic rules	symbolic words	Interpet	Construct	3
Tables/Graphs	Patterns	Analyze	Compute	
Data	Stem & Leaf plots	Evaluate	Distinguish	
Questions	Range	Create	Describe the relationship	
Study	Median	Calculate	Represent	
Mode	Mean			
Hypothesis about two populations				

Supporting Standards (current and CCSS): 6N1Aa, 6.NS	Other Vocabulary Terms: mean, median, mode, range, outlier, measures of center, average, x axis, y axis, coordinates, ordered pairs, numerical data, categorical data

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/39/6D1C.pdf http://camdentonschools.schoolwires.net/cms/lib01/MO01001301/Centricity/Domain/39/6D2A.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: Understand and use the process of data investigation: posing questions, collecting and analyzing data distributions and making interpretations to answer questions.

Task 2: Represent distributions of data using line plots, bar graphs, stem-and-leaf plots, and coordinate graphs.

Task 3: Compute the mean, median, mode, and range of a data set.

Task 4: Summarize numerical data sets by giving quantitative measures of center and variability.