Key Learning: Data can be collected, organized, represented, and interpreted in a variety of ways.

Unit Essential Question: How can we collect, organize, represent, and interpret data?

Concept:	Concept:	Concept:	Concept:
Sorting Data by Attributes	**Collecting and Organizing Data**	**Representing and Interpreting Data**	

Lesson Essential Questions:	Lesson Essential Questions:	Lesson Essential Questions:	Lesson Essential Questions:
How can I sort an object into categories by more than one attribute? (A)	How can I collect and organize data efficiently to answer a survey question? (A) How does the question I ask affect the type of data I collect? (A)	How do we represent and interpret data? (A)	

How can I communicate my ideas clearly using precise language?

Vocabulary:	Vocabulary:	Vocabulary:	Vocabulary:
Attributes, Data, Rule, representation, Survey, Category, Venn Diagram	Survey Question, Questionnaire	Mode, Line Plot, Outlier, Bar Graph, More Than, Less Than, Fewer, Greater, Same	

Additional Information & Resources:

MP 3. Construct viable arguments and critique the reasoning of others.
MP 4. Model with Mathematics.