Entryways to Data

Questioning & Solving With Data
Use data to ask and answer questions about the world around us or solve problems.

Getting Data
Data can be obtained through observations, experiments, surveys, existing datasets (including proxy data), or applying tools and techniques to coax new attributes out of existing data.

Interpreting Data
Data do not speak for themselves. Give a "voice" to the data by identifying and making sense of patterns found (or not found) within the data (e.g., claims, arguments, conclusions).

Entryways to Data

Exploring & Analyzing Data
Discover and describe patterns in the data by staying curious, looking for relationships, and applying context or content to the exploration.

Communicating With Data
Consider different modes to share and critique the data (e.g. orally, mathematically, graphically, digitally, kinesthetically) with a clear purpose and audience in mind.