Essential Skills for Standard: DA.CVT.01

Grade	Standard	Essential Skills
K	With guidance, collect **data** on a basic topic (e.g., weather, temperature) and present it visually.	Collect **data** on a familiar topic. Display data.
1	With guidance, collect and organize data. Present data effectively in two different ways	Collect and organize data from a survey or from observations. Display data in two or more ways.
2	With guidance, collect, organize, and present the same data in a variety of visual ways (e.g., bar graph, pie chart, table, etc.)	Collect and organize data (from an experiment, website, data set, survey, etc.) and display it in three or more ways.
3	Collect, organize, and present the same **data** in a variety of visual formats (e.g., charts, graphs, tables, etc.).	Determine how **data** should be collected and organized so it can be presented in at least three different displays.
4	Organize and present collected data in a variety of visual formats to emphasize particular aspects or parts of the data set to make interpretation easier.	Distinguish among different ways of **visualizing** the same data by describing what information is given in each visualization. Analyze different displays of the same data to determine which visualization is most effective to display information and/or support a claim.
5	Interpret and communicate data in a variety of visual formats to highlight the relationships among the data to support a claim.	Interpret data to make a claim. Justify the choice of a visual representation or format of the data to most effectively support a claim or communicate an interpretation.

Skills for Standard: DA.CVT.01   Grades K-5
These annotations are a collaboration between Maryland Center for Computing Education and the Maryland State Department of Education.