

Algebra 1 EOC Item Specifications
 Florida Standards Assessments

MAFS.912.S-ID.1.1	Represent data with plots on the real number line (dot plots, histograms, and box plots).
Item Types	<p>GRID – May require interacting with data displays (i.e., creating a dot plot by clicking on a number in a number line to generate a set number of points), or labeling components of a graph (i.e., median lower quartile, upper quartile, and/or outlier).</p> <p>Hot Text – May require labeling components of a set of data (i.e., median, lower quartile, upper quartile, and/or outlier).</p> <p>Multiple Choice – May require selecting a graph from a set.</p> <p>Multiselect – May require selecting various representations of the same data.</p> <p>Open Response – May require critiquing the usage of certain displays and explaining general factors that contribute to selecting the most appropriate data display.</p>
Clarification	Students will represent data using a dot plot, a histogram, or a box plot.
Assessment Limits	None
Stimulus Attribute	Items should use real-world data and be set in a real-world context.
Response Attributes	<p>Items may require the student to apply the basic modeling cycle.</p> <p>Items may require the student to choose an appropriate level of accuracy.</p> <p>Items may require the student to choose and interpret the scale in a graph.</p> <p>Items may require the student to choose and interpret units.</p>
Calculator	Neutral

Sample Item

Item Type

GRID – Hot Spot

Max collected data on the height of each of his 20 classmates. The box plot shown represents his data.

Click above the number line to complete the dot plot that could also represent these data.

