

NCTM Standards and Expectations

DATA ANALYSIS STANDARDS GRADES PRE-K-2

NCTM STANDARDS	PRE-K-2 NCTM EXPECTATIONS
Formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them	<ul style="list-style-type: none"> • Pose questions and gather data about themselves and their surroundings • Sort and classify objects according to their attributes and organize data about the objects • Represent data using concrete objects, pictures, and graphs
Select and use appropriate statistical methods to analyze data	<ul style="list-style-type: none"> • Describe parts of the data and the data set as a whole to determine what the data show
Develop and evaluate inferences and predictions that are based on data	<ul style="list-style-type: none"> • Describe parts of the data and the set of data as a whole to determine what the data show

NCTM Principals and Standards for School Mathematics 2000