

# Primary Math: Statistics and Probability

## Data, Probability, and Predictions

### Data Analysis

#### Students

#### Learning Continuum Statements:

##### Students:

##### RIT 111-120:

- Classifies objects as same or different
- Sorts objects into categories

##### Students:

##### RIT 121-130:

- Classifies objects as same or different
- Sorts objects into categories

##### Students:

##### RIT 131-140:

- Compares values in a pictograph with single-unit scale
- Compares values in a picture graph
- Locates information in a picture graph
- Sorts objects into categories

##### Students:

##### RIT 141-150:

- Compares values in a pictograph with single-unit scale
- Compares values in a picture graph
- Counts sets of objects by category
- Interprets data in a circle graph
- Locates information in a bar graph with single-unit scale
- Locates information in a pictograph with single-unit scale
- Locates information in a table or chart
- Sorts objects into categories

##### Students:

##### RIT 151-160:

- Compares values in a bar graph with single-unit scale
- Compares values in a pictograph with single-unit scale
- Compares values in a picture graph
- Compares values in a table or chart
- Counts sets of objects by category
- Determines the shared attribute of a set of objects
- Interprets data in a circle graph
- Locates information in a bar graph with single-unit scale
- Locates information in a pictograph with single-unit scale
- Solves problems using data in a picture graph

**Students:****RIT 161-170:**

- Compares values in a bar graph with single-unit scale
- Compares values in a pictograph with single-unit scale
- Compares values in a picture graph
- Compares values in a table or chart
- Counts sets of objects by category
- Determines the shared attribute of a set of objects
- Interprets data in a circle graph
- Locates information in a bar graph with single-unit scale
- Locates information in a pictograph with single-unit scale
- Solves problems using data in a picture graph

**Students:****RIT 171-180:**

- Compares values in a bar graph with single-unit scale
- Compares values in a scaled pictograph
- Compares values in a table or chart
- Determines the mode of a data set using the term "most"
- Determines the question that can be answered from a given set of data
- Determines the rule used to sort objects
- Interprets data in a circle graph
- Solves problems using data in a bar graph with single-unit scale
- Solves problems using data in a pictograph with single-unit scales
- Solves problems using data in a picture graph
- Solves problems using data in a table

**Students:****RIT 181-190:**

- Compares values in a bar graph with single-unit scale
- Determines the question that can be answered from a given set of data
- Determines the question to ask in order to collect data for a given purpose
- Determines the rule used to sort objects
- Solves problems using data in a bar graph with single-unit scale
- Solves problems using data in a picture graph
- Solves problems using data in a table

**Students:****RIT 191-200:**

- Determines the rule used to sort objects
- Locates information in a scaled bar graph
- Solves problems using data in a bar graph with single-unit scale
- Solves problems using data in a pictograph with multi-unit scales

**Students:**

**RIT 201-210:**

- Solves problems using data in a bar graph with multi-unit scales
- Solves problems using data in a pictograph with multi-unit scales

**Students:**

**RIT 211-220:**

- Solves multi-step problems using data from bar graphs with multi-unit scales
- Solves problems using data in a bar graph with multi-unit scales
- Solves problems using data in a pictograph with multi-unit scales