

Math 6+: Data, Statistics, and Probability

Collect, Represent, and Analyze Data

Data Representation

Students	Learning Continuum Statements:
Students:	RIT 171-180: <ul style="list-style-type: none">Represents data in bar graphs with multi-unit scalesRepresents data in bar graphs with single-unit scalesRepresents data in tables or charts
Students:	RIT 181-190: <ul style="list-style-type: none">Represents data in bar graphs with multi-unit scalesRepresents data in pictographs with single-unit scalesRepresents data in tables or charts
Students:	RIT 191-200: <ul style="list-style-type: none">Identifies the data display that best represents a given set of data or scenarioRepresents data in bar graphs with multi-unit scalesRepresents data in circle graphsRepresents data in line graphsRepresents data in line or dot plots with whole-number scalesRepresents data in pictographs with multi-unit scalesRepresents data in tables or charts
Students:	RIT 201-210: <ul style="list-style-type: none">Identifies the data display that best represents a given set of data or scenarioRepresents data in bar graphs with multi-unit scalesRepresents data in circle graphsRepresents data in line or dot plots with fractional scalesRepresents data in line or dot plots with whole-number scalesRepresents data in pictographs with multi-unit scalesRepresents data in picture graphs with multi-unit scales
Students:	RIT 211-220: <ul style="list-style-type: none">Constructs scatter plots of bivariate dataConstructs two-way frequency tablesIdentifies the data display that best represents a given set of data or scenarioRepresents data in circle graphsRepresents data in line or dot plots with fractional scalesRepresents data in line or dot plots with whole-number scalesRepresents data in Venn diagrams

Students:

RIT 221-230:

- Constructs scatter plots of bivariate data
- Constructs two-way frequency tables
- Represents data in circle graphs
- Represents data in frequency tables
- Represents data in histograms
- Represents data in stem-and-leaf plots

Students:

RIT 231-240:

- Constructs scatter plots of bivariate data
- Constructs two-way frequency tables
- Represents data in histograms

Students:

RIT 241-250:

- Determines the fractional scale for a line or dot plot
- Determines the measure of the central angle corresponding to a given section of a circle graph
- Represents data in histograms

Students:

RIT 251-260:

- Determines the measure of the central angle corresponding to a given section of a circle graph
- Represents data in histograms