

Mathematics

Unit 3: Data Analysis, Statistics, and Probability

Essential Understandings	<ul style="list-style-type: none"> ▪ Graphs convey data in a concise way. ▪ Information from a graph can be used to answer questions.
Essential Questions	<ul style="list-style-type: none"> ▪ How can information be collected, recorded, and organized? ▪ What is a survey? ▪ What is a picture graph? ▪ What is a bar graph? ▪ What is a tally chart/table?
Essential Knowledge	<ul style="list-style-type: none"> ▪ Data is collected and organized to solve problems and answer questions. ▪ A survey is used to collect data. ▪ Data can be represented using objects, pictures, and graphs. ▪ Graphs are used to represent and interpret data.
Vocabulary	<ul style="list-style-type: none"> ▪ <u>Terms:</u> <ul style="list-style-type: none"> ○ survey, record
Essential Skills	<ul style="list-style-type: none"> ▪ Collect, sort, and classify data. (R) ▪ Use a template (with a single unit scale) to create picture graphs, bar graphs, and tally charts/tables. (I, R) ▪ Interpret information from tally charts/tables, picture graphs, and bar graphs. (R) ▪ Solve problems using the data from graphs. (R)
Related Maine Learning Results	<p>B. Data Measurement and Approximation B2.Students read, construct, and interpret picture graphs.</p>