Mathematics
Unit 3: Data Analysis, Statistics, and Probability

Essential Understandings	- Graphs convey data in a concise way. - Information from a graph can be used to answer questions.
Essential Questions	- How can information be collected, recorded, and organized? - What is a line plot?
Essential Knowledge	- Data is collected and organized to solve problems and answer questions. - Graphs are used to represent and interpret data. - A line plot is a graph showing the frequency of data on a number line.
Vocabulary	- Terms: - line plot, interpret, record
Essential Skills	- Collect, sort, and classify data. (A) - Use a template (with a single unit scale) to create picture graphs, bar graphs, tally charts/tables, line plots, and tables. (I, R, A) - Interpret information from tally charts/tables, picture graphs, bar graphs, line plots, and tables. (I, R, A) - Solve problems using the data from graphs. (A)

Related Maine Learning Results	B. Data
	   Measurement and Approximation
	      B2.Students read, constrict, and interpret picture graphs.