

TABLES, CHARTS AND GRAPHS

Tables, charts and graphs are math models. They organize and present information using pictures and symbols as well as numbers and words.

Different formats are used to display different kinds of information or to display the same information in different ways.

Tables	Information is displayed in rows or columns.
Pictographs	Picture symbols represent quantities.
Bar Graphs	Horizontal or vertical bars show the relative sizes of quantities or categories.
Pie or Circle Charts	The sizes of pieces indicate how parts relate to the whole and to each other.
Line Graphs	Dots and connecting line segments indicate quantities and changes between quantities.

READING TABLES, CHARTS AND GRAPHS

Read the titles and any subtitles.

Read all information at the top, bottom and along the sides of the model - titles, headings, labels, scales or keys.

Determine the purpose of the table, chart or graph.

Note: quantities and what they represent
changes in quantities – trends or patterns
relationships between quantities

Ask: What kinds of information are displayed?
What comparisons can be observed?
What relationships can be verified?