

Stage 7 – Statistics: Presentation of data



Know it!

Knowledge	
I know...	How to interpret and construct frequency tables
I know...	How to construct and interpret bar charts and know their appropriate use
I know...	How to construct and interpret pie charts and know their appropriate use
I know...	How to construct and interpret vertical line charts
I know...	How to choose appropriate graphs or charts to represent data



Link it!

Backward	Forward
Pictograms	Frequency Polygons Group frequency tables and charts
Line Graphs	
Simple Pie Charts	



Prove it!

Show me a pie chart representing the following information: Blue (30%), Red (50%), Yellow (the rest). And another. And another.
Always / Sometimes / Never: Bar charts, pie charts, pictograms and vertical line charts can be used to represent any data

Say it!



Vocabulary	Definition
Frequency table	A table that lists a set of scores and their frequency (how many times each one occurs)
Tally	A way of keeping count by drawing marks. Every fifth mark is drawn across the previous 4 marks, so you can easily see groups of 5
Bar chart	A graph drawn using rectangular bars to show how large each value is. The bars can be horizontal or vertical.
Bar line graph	A graph with points connected by lines to show how something changes in value.
Pie chart	A Pie Chart (or Pie Graph) is a special chart that uses "pie slices" to show relative sizes of data.
Pictogram	A pictograph uses pictures or symbols to show the value of the data.
Maximum	The largest value.
Minimum	The smallest value.

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