Topic/Skill	Definition/Tips	Example		
1. Frequency	A record of <b>how often each value</b> in a set	Number of marks	Tally marks	Frequency
Table	of data <b>occurs</b> .	1	JHT	7
		2	1111	5
		3	1111 I	6
		4	JH1	5
		5		3
		Total		26
2. Bar Chart	Represents data as vertical blocks. x - axis shows the type of data y - axis shows the frequency for each type of data Each bar should be the same width There should be gaps between each bar Remember to label each axis.	Number of pets owned		
3. Types of Bar Chart	<b>Compound/Composite</b> Bar Charts show data stacked on top of each other.	Weight (gm) 40 40 40 40 40 40 40 40 40 40		
	<b>Comparative/Dual</b> Bar Charts show data side by side.	50 40 30 20 10 Jan Feb Dual	ainfáll	Key: London Bristol
4. Pie Chart	Used for showing how data breaks down	Reynorth		
	<ul> <li>into its constituent parts.</li> <li>When drawing a pie chart, divide 360° by the total frequency. This will tell you how many degrees to use for the frequency of each category.</li> <li>Remember to label the category that each sector in the pie chart represents.</li> </ul>	If there are 40 people in a survey, then each person will be worth $360 \div 40=9^{\circ}$ of the pie chart.		

## KS3 Unit 13 Charts & Unit 16 Pie Charts

	1	I		
5. Pictogram	Uses <b>pictures</b> or symbols to <b>show the</b>	pols to show the $\mathbf{p}_{\text{last}} \bigoplus \bigoplus \bigoplus$		
-	value of the data			
	value of the data.	Red 🚍 🚍 🚍		
		= 4  cars		
	A pictogram must have a <b>key</b> .	Green		
		Others 🖨 🚔 🚔		
6. Line Graph	A graph that uses <b>points connected by</b>	14		
1	straight lines to show how data changes in	12		
	straight mits to show now data changes m			
	values.	10		
		8		
	This can be used for <b>time series data</b>	6		
		4		
	which is a series of data points spaced over	2		
	uniform time intervals in <b>time order</b> .	0		
		1 2 3 4 5 6 7 8 9		
7 Two Way	A table that <b>organises data</b> around <b>two</b>	Question: Complete the 2 way table below.		
7.1WO Way	·	Left Handed Right Handed Total		
lables	categories.	Boys 10 58		
		Total 84 100		
	Fill out the information step by step using	Answer: Step 1, fill out the easy parts (the totals)		
	1 In out the information step by step using	Left Handed Right Handed Total		
	the information given.	Boys 10 48 58		
		Total 16 84 100		
	Make sure all the totals add up for all columns and rows.	Answer: Step 2, fill out the remaining parts		
		Left Handed Right Handed Total		
		Boys 10 48 58		
		Girls 6 36 42		
		10tal 10 84 100		