

Year 2 Collecting, Organising and Presenting Data Knowledge Organiser

Key words and prior learning from Year 1

Tally Table – a table used to record data as it is counted. It is a quick way of keeping track of numbers in groups of five. One vertical line is made for each of the first four numbers; the fifth number is represented by a diagonal line across the previous four.

Pictogram - is a chart which uses pictures to show data.

Analyse – to look at something in detail to see what we understand from it.

Chart – used to display and compare data by using rectangular bars of different heights. A bar chart has an x and y axis.

X axis – the horizontal line on a chart or graph showing values of something that has been investigated.

Y axis – the vertical line on a chart or graph that has numbers of it.

Favorite Pets		
Pet	Tally Marks	Number
	/	10
		4
		6

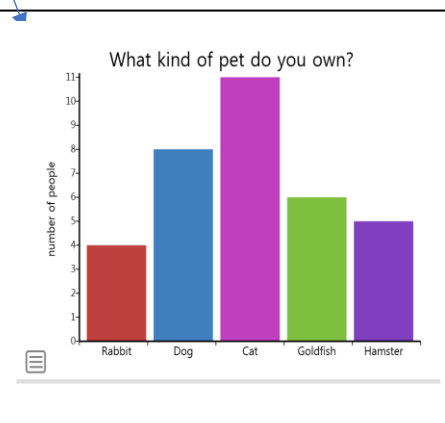
	= 1 book	
James		3
Sarah		2
Alex		1
Amy		5
Terry		2

Who read the most? Amy
Who read the least? Alex

Who uses skills like these?



- Scientists to identify objects, nature and animals
- Market researchers will design surveys and questionnaires to find out what people like and don't like



Key Learning

Self-Assessment

	Self-Assessment		
	WT	A	WA
I can create questions with appropriate multiple-choice answers			
I can interpret data from a chart			
I can design a data collection sheet			
I can create charts from information in a tally table			
I can use a branching database to sort data			
I can identify mistakes in a branching database			

New key words we will use in Year 2 'Collecting, Organising and Presenting Data'

Multiple Choice - questions which have given answers for someone to choose from

Branching/Binary Database - a way of classifying a group of objects

Data collection sheet/Survey – a form with at least 3 columns used to collect and organise data or answers to questions (category, tally and frequency)

Graph - a graph is used to show how two different set of data relate to each other