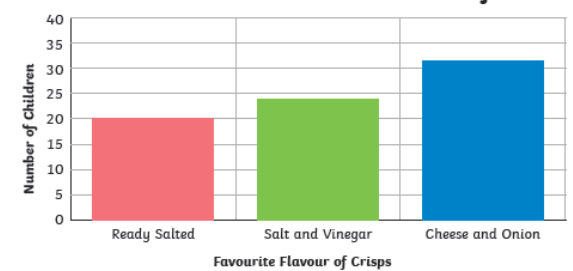
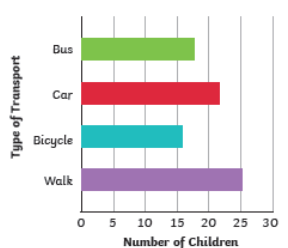
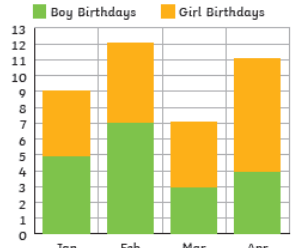
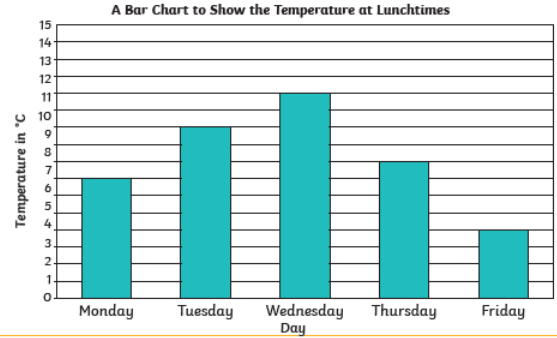
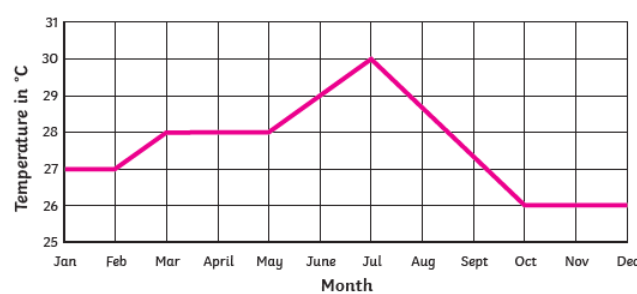
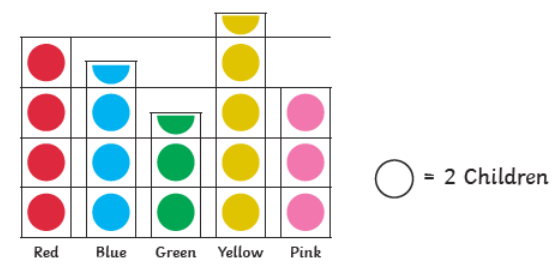


In maths we are learning about...

Statistics		Knowledge Organiser																		
Key Vocabulary	Discrete and Continuous Data	Bar Charts																		
bar chart	Data that is counted in whole numbers is discrete. In discrete data , values between whole numbers cannot be counted.	A bar chart has a horizontal axis and a vertical axis. Bars are used to show the data of each category. There must be a gap between each bar.																		
pictogram	Data that is measured and therefore can take on infinite values is continuous. In continuous data , values between whole numbers can be counted.	The scale of the bar chart is based on the range of data.																		
frequency table		The scale on this bar chart counts in fives.																		
tally chart																				
discrete data	Frequency Tables																			
continuous data	Tally marks are used to help count things. Each vertical line represents one unit. The fifth tally mark goes down across the first four to make it easier to count.	The bars are horizontal on this bar chart.																		
time graph	The frequency column is completed after all the data has been collected.	Two sets of data are shown on this stacked bar chart.																		
sum																				
difference	<table border="1"> <thead> <tr> <th>Eye Colour</th> <th>Tally</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>brown</td> <td>### </td> <td>6</td> </tr> <tr> <td>blue</td> <td>### </td> <td>8</td> </tr> <tr> <td>green</td> <td> </td> <td>3</td> </tr> <tr> <td>grey</td> <td> </td> <td>4</td> </tr> <tr> <td>hazel</td> <td>###</td> <td>5</td> </tr> </tbody> </table>	Eye Colour	Tally	Frequency	brown	###	6	blue	###	8	green		3	grey		4	hazel	###	5	
Eye Colour	Tally	Frequency																		
brown	###	6																		
blue	###	8																		
green		3																		
grey		4																		
hazel	###	5																		
comparison																				
interpret																				

Statistics		Knowledge Organiser
Time Graphs	Pictograms	
Time graphs show how data changes over time.	Pictograms use symbols or pictures to represent data.	
<p>A Bar Chart to Show the Temperature at Lunchtimes</p> 	This pictogram uses one symbol to represent two children.	
<p>A Line Graph to Show the Average Monthly Temperature in the Borneo Rainforest</p> 	Using this key, we can see that seven children prefer the colour blue.	
	Class 10's Favourite Colours	
		
	Class 10's Pets	
	This pictogram uses one picture to represent four children.	
	Using this key, we can see that six children have a pet fish.	
	