

Year 2 Statistics Knowledge Organiser.

Statistics		Knowledge Organiser																		
Key Vocabulary	Tally Charts	Block Diagram																		
data	Tally marks look like this:	<p>A block diagram represents data using blocks. One block represents one item.</p> <div style="border: 1px solid #0070C0; padding: 5px; margin: 10px 0;"> <p>In this block diagram, the y-axis, which is vertical, shows the number of items.</p> </div> <div style="text-align: center;"> </div> <div style="border: 1px solid #0070C0; padding: 5px; margin: 10px 0;"> <p>In this block diagram, the x-axis, which is horizontal, shows the types of items.</p> <p>The blocks can go vertically or horizontally.</p> </div>																		
interpret																				
key	<div style="background-color: #ADD8E6; padding: 5px; text-align: center;"> The fifth mark goes across diagonally, like a gate. </div>																			
tally chart	A tally chart is one way of collecting data using tally marks.																			
pictogram	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #ADD8E6;"> <th style="padding: 5px;">Eye Colour</th> <th style="padding: 5px;">Tally</th> <th style="padding: 5px;">Total</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">brown</td> <td style="padding: 5px;"> </td> <td style="padding: 5px;">6</td> </tr> <tr> <td style="padding: 5px;">blue</td> <td style="padding: 5px;"> </td> <td style="padding: 5px;">8</td> </tr> <tr> <td style="padding: 5px;">green</td> <td style="padding: 5px;"> </td> <td style="padding: 5px;">3</td> </tr> <tr> <td style="padding: 5px;">grey</td> <td style="padding: 5px;"> </td> <td style="padding: 5px;">4</td> </tr> <tr> <td style="padding: 5px;">hazel</td> <td style="padding: 5px;"> </td> <td style="padding: 5px;">5</td> </tr> </tbody> </table>		Eye Colour	Tally	Total	brown		6	blue		8	green		3	grey		4	hazel		5
Eye Colour	Tally		Total																	
brown			6																	
blue			8																	
green			3																	
grey			4																	
hazel		5																		
block diagram																				
table																				
total																				
compare																				
symbol																				

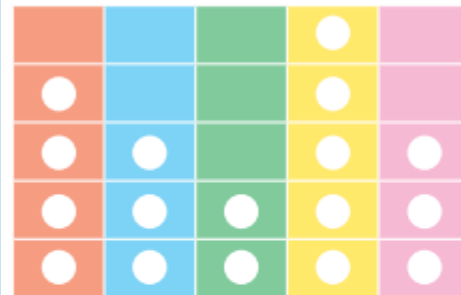
Statistics

Knowledge Organiser

Pictograms

Pictograms use pictures or symbols to represent data. Each picture or symbol can represent one item or more than one. The key shows what each symbol represents.

Favourite Colour



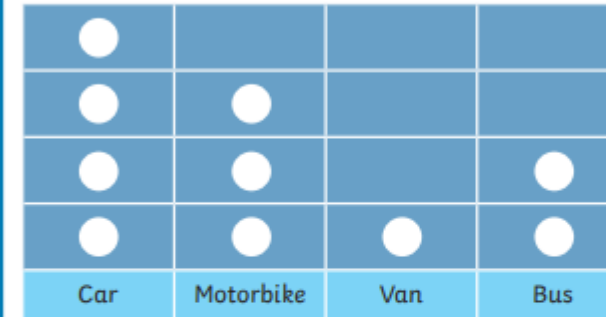
Red Blue Green Yellow Pink

Key

● = 1 child

Here is an example of a pictogram with a different scale.

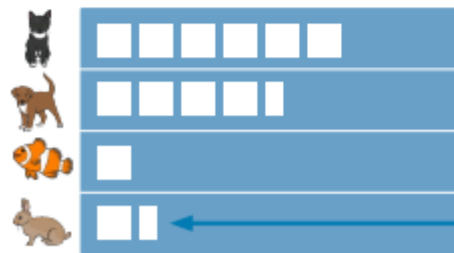
Traffic Survey



Key ● = 5 vehicles

This pictogram uses one symbol to represent 2 pets.

Class 1's Pets



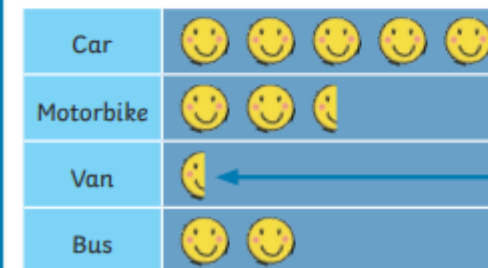
Key

□ = 2 pets

To represent 1 pet, a picture of half a square is used.

This pictogram has one symbol to represent 10 children.

Ways of Travelling to School



Key

😊 = 10 children

To represent 5 children, a picture of half a face is used.