



Year 2 Knowledge Organiser - Statistics

Key Vocabulary	
Data	Interpret
Key	Tally chart
Pictogram	Block diagram
Table	Total
Compare	Symbol

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.

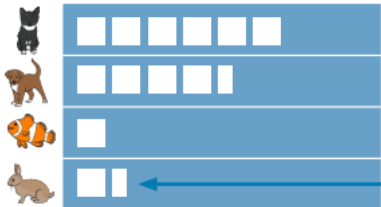
Favourite Colour



Key
 = 1 child

This pictogram uses one symbol to represent 2 pets.

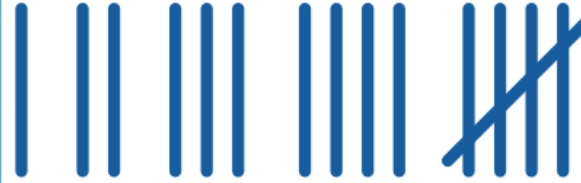
Class 1's Pets



Key
 = 2 pets
 To represent 1 pet, a picture of half a square is used.

Tally Charts

Tally marks look like this:



The fifth mark goes across diagonally, like a gate.

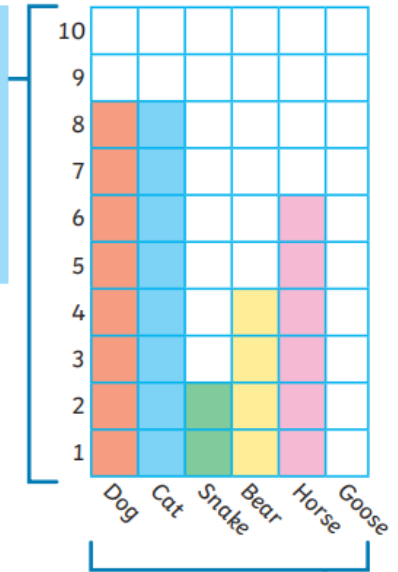
A tally chart is one way of collecting data using tally marks.

Eye Colour	Tally	Total
brown		6
blue		8
green		3
grey		4
hazel		5

Block Diagram

A block diagram represents data using blocks. One block represents one item.

In this block diagram, the **y-axis**, which is vertical, shows the number of items.

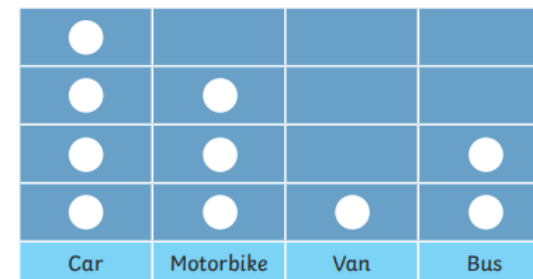


In this block diagram, the **x-axis**, which is horizontal, shows the types of items.

The blocks can go vertically or horizontally.

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

Traffic Survey



Key
 = 5 vehicles

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.