Statistics Knowledge Organiser						
Key Vocabulary	Tally Charts			Block Diagram		
data	Tally marks look like this:			A block diagram represents data using blocks. One block represents one item.		
interpret			IШ	In this block		
key				diagram, the — 9 y-axis, which		
tally chart	The fifth mark goes across diagonally, like a gate.			is vertical, shows the number 6		
pictogram	A tally chart is one way of collecting data using tally marks.			of items.		
block diagram	Eye Colour	Tally	Total	3		
table	brown	ЖI	6	2		
	blue	₩ 111	8	1		
total	green grey		4	Dog Car Shake ar Horse Goose		
compare	compare hazel # 5					
symbol				In this block diagram, the x-axis , which is horizontal, shows the types of items.		
			The blocks can go vertically or horizontally.			



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.

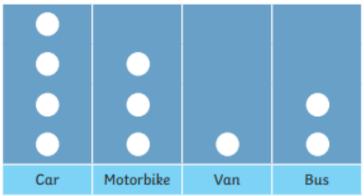
Favourite Colour

Key

= 1 child

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

Traffic Survey



= 5 vehicles Key

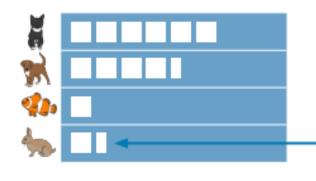
This pictogram uses one symbol to represent 2 pets.

Yellow

Pink

Class 1's Pets

Red



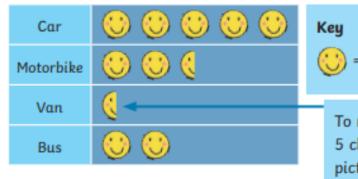
Key

= 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



= 10 children

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