Templars Primary School – Knowledge Organiser

Key Vocabulary

data
interpret
key
tally chart
pictogram
block diagram
table
total
compare
symbol
key
interpret
altogether
more / less
difference
count
x-axis
y-axis

Tally charts

Tally marks look like this.
The fifth mark goes across **diagonally** like a gate
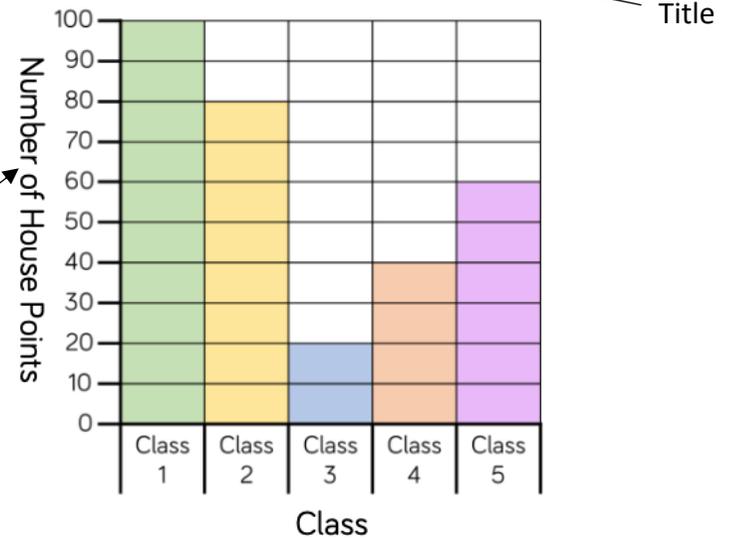Tally marks help us **count** easily in fives and then in ones.
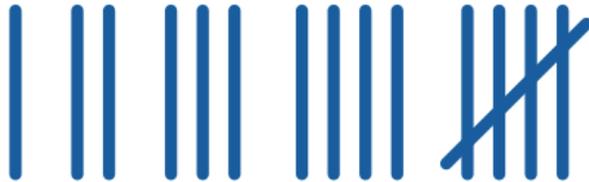
Eye Colour	Tally	Total
brown	IIII I	6
blue	IIII III	8
green	III	3
grey	IIII	4
hazel	IIII	5

Block diagrams

A block diagram represents data using blocks. One block represents one item. Blocks can go vertically or horizontally.

Title

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

In this block diagram, the **x-axis**, which is horizontal, shows the different classes.

Draw and interpret 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

Class 1's Pets

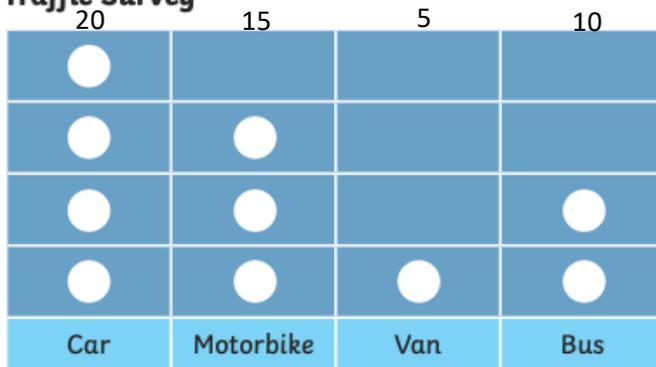|	
🐕	12
🐕	9
🐠	2
🐰	3

Key

⬜ = 2 pets

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

The key shows that one square = 2 pets so we need to count in 2s to find the total.

Traffic Survey

20	15	5	10
Car	Motorbike	Van	Bus

Key ◯ = 5 vehicles

The key shows that one circle = 5 vehicles so we need to count in 5s to find the total.

Ways of Travelling to School

Car	😊 😊 😊 😊 😊	50
Motorbike	😊 😊 ◖	25
Van	◖	5
Bus	😊 😊	20

Key

😊 = 10 children

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

The key shows that one face = 10 children so we need to count in 10s to find the total.
Half a face = half of 10 = 5 so we add 5.