

Statistics

Manipulatives and strategies

Pet	total
dogs	6
cats	4
mice	5
rabbits	1

6 people own dogs



dogs	▲▲▲▲▲▲	▲ = 1 person
cats	▲▲▲▲	
mice	▲▲▲▲▲	
rabbits	▲	

6 people own dogs.
16 people were asked in total.

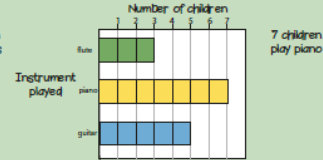
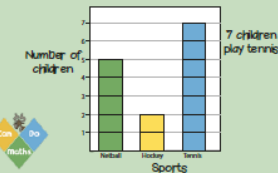
dogs	■ ■ ■	■ = 2 people
cats	■ ■	
mice	■ ■ ■	
rabbits	■	

cheese	● ●	● = 5 people
egg	● ● ● ● ●	
ham	● ● ●	
salad	●	

15 people like ham the best.
50 people were asked in total.

cheese	★	★ = 10 people
egg	★ ★	
ham	★ ★	
salad	★	

Pet	tally	total
cheese		10
egg		20
ham		15
salad		5



Year 2, Term 5 Knowledge Organiser for Statistics and Measurement (Capacity and Temperature).

Measurement (Capacity and Temperature)

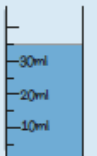
Manipulatives and strategies



If there are 10 steps to increase by 10 then the scale is going up in 1s.



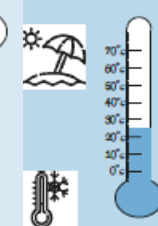
If there are 5 steps to increase by 10 then the scale goes up in 2s.



If there are 2 steps to increase by 10 then the scale goes up in 5s.



1 litre > 5 millilitres



25°C is hotter than 20°C
so
20°C is colder than 25°C



Vocabulary and meanings

Table	A way of presenting information or data using rows and columns.
Symbol	Symbols can be used to represent data so you don't have to look at lots of numbers.
Tally	Tally marks make it easier to sort and calculate data. They are used to record data that counts in groups of 5.
Pictogram	A chart that uses pictures or symbols to represent data. All pictograms should have a key so you understand what the symbols represent.
Block Diagram	A chart which displays data with blocks. Block graphs have an X and Y axis, with clear labels to show what each axis is measuring.

Vocabulary and meanings

Litre/Millilitre	A unit for measuring capacity. There are 1000 millilitres in 1 litre.
Capacity	The amount something can hold.
Temperature	A measure of how hot something is.
Degrees/Celsius	The unit of measure for temperature. It is represented °C
Thermometer	An instrument used to measure temperature.