



1.

<https://www.bbc.co.uk/bitesize/clips/zg4d2hv>



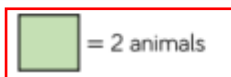
Success Criteria:

1. Watch the video about pictograms: <https://www.bbc.co.uk/bitesize/clips/zg4d2hv>
2. Use the chart to draw a pictogram where one picture is equal to 2 cars
3. Go to <https://www.topmarks.co.uk/Flash.aspx?f=pictograms> to design your own pictogram where 1 picture = 2 cars.

1. Use the chart to complete the pictogram:

Animal	Total
Dog	10
Cat	14
Rabbit	12
Fish	16

Pet	
Dog	
Cat	
Rabbit	
Fish	



Draw a square for every 2 animals.

2. The children at Canonbury recorded the number of the cars that passed by. Use the chart to draw a pictogram where one car represents 2 cars, e.g.



Red	Blue	Black	Silver	White	Other
12	6	14	10	14	2

3. Make your own pictogram from data gathered of coloured cars you see on the road, where 1 picture is equal to 2 cars:

<https://www.topmarks.co.uk/Flash.aspx?f=pictograms>

Canonbury Home Learning  
Year 2/3 Maths

Lesson 2 – 30.06.2020

LO: To Draw Pictograms 1-2, 5 and 10

Success Criteria:

1. Watch the video about pictograms: <https://www.bbc.co.uk/bitesize/clips/zg4d2hv> and read the information about symbols.

2. **Task 1:** Draw pictograms where 1 symbol represents 2, 5 or 10 objects.

3. **Task 2:** Draw pictograms where 1 symbol represents 2,5 or 10 objects and need to be halved.


**Model:**


1.



<https://www.bbc.co.uk/bitesize>

Sometimes the key might say

 = 10 but you only want to show 5 objects.

This is when you have to half the symbol  so that half a triangle represents 5 objects.

Choosing to draw a simple symbol you can easily half is important when drawing pictograms!

2. Cassie wants to find out how many felt tip pens of each colour the class has. She collects this information:

Pen Colours	Number of Felt Tip Pens
Red	
Blue	
Green	
Yellow	


Complete the pictogram:

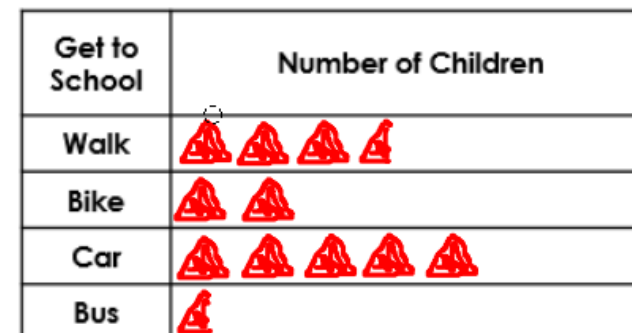


$\triangle = 5$  pens

3. Present the data from the tally into the pictogram:

Get to School	Number of Children
Walk	
Bike	
Car	
Bus	

 = 10 children



**Task 1**

**Practice**

Complete the missing information:

1.

Children	Number of Library Books Borrowed
KS1 Boys	
KS1 Girls	
KS2 Boys	
KS2 Girls	

Complete the pictogram.

	Number of Library Books Borrowed
KS1 Boys	
KS1 Girls	
KS2 Boys	▲▲
KS2 Girls	▲▲▲▲▲

▲ = 5 books



2.

Pets	Number of Pets Treated
Dog	
Cat	
Rabbit	
Snake	

Complete the pictogram.

Pets	Number of Pets Treated
Dog	■ ■ ■ ■ ■ ■ ■ ■
Cat	
Rabbit	
Snake	■

■ = 5 pets



**Task 2**

**Practice**

Complete the missing information:

1.

Favourite Fruit	Number of Children
Banana	
Apple	
Grapes	
Pear	

■ = 10 children

Favourite Fruit	Number of Children
Banana	
Apple	
Grapes	
Pear	

2.

80 children were asked about their favourite sport. 10 more children liked tennis than athletics and rugby was the second most popular sport. Complete the tally chart and pictogram:

Sport	Number of Children
Football	
Rugby	
Tennis	
Athletics	

▲ = 10 children


**Task 3**

**Reasoning**

**Explain your answers.**

5a. Ed is drawing a pictogram to show Year 2's favourite drinks.

Drinks	Number of Children ● = 10 children
Orange	● ●
Cola	●
Water	
Milk	● ● ●

Ed says,

I must draw 30 circles to show 30 children like water.



Is he correct? Explain your answer.



5b. Olivia is drawing a pictogram to show Year 2's favourite playground games.

Games	Number of Children ● = 2 children
Football	● ● ● ●
Skipping	
Hopscotch	● ● ● ●
Races	● ●

Olivia says,

I must draw 10 circles to show 20 children like skipping.



Is she correct? Explain your answer.



8a. Riley is drawing a pictogram to show 30 of his friends' favourite superheroes.

Superheroes	Number of Children
Super Cat	● ● ● ●
Bat Dog	● ● ●
Iron Boy	● ● ● ●
Green Girl	

Riley says,

I must draw 1 circle to show 10 children prefer Green Girl.



Is he correct? Explain your answer.



**Task 4**

**Problem solving**

6a. Evie is drawing a pictogram where ● = 5 children.

Type of Shoe	Number of Children
Boots	● ● ● ●
Trainers	
School Shoes	● ● ● ● ● ●
Sandals	

Evie knows more children wear trainers than sandals, but fewer children wear trainers than boots. How many children could wear trainers? Complete the pictogram.



PS

6b. Jakub is drawing a pictogram where ● = 10 children.

Accommodation	Number of Children
Detached House	●
Cottage	
Terraced House	
Flat	● ● ● ● ● ●

Jakub knows more children live in a flat than live in a cottage, but more children live in a cottage than a terraced house. How many children could live in a cottage? Complete the pictogram.



PS

7b. A class is collecting information.



3 fewer children like broccoli than carrots.



7 fewer children like sweetcorn than broccoli.



2 more children like carrots than peas.



15 children like peas.







Create a pictogram to display this information using the fewest number of images possible. Remember you can use half images.



PS

**Challenge**

**2. Roll a dice 40 times and complete the tally chart below.**

Rolls of a dice	
	
	
	
	
	
	

**Using the data you have collected, decide whether a value of 2, 5 or 10 would be the most appropriate for your pictogram.**

**Draw a pictogram to show this information.**