




Lesson 1 – 29.06.2020




LO: To Interpret Pictograms 1-1

Success Criteria:

1. Look at the pictogram and tick the statements that are true
2. Use the pictogram to answer the questions
3. Go to <https://www.topmarks.co.uk/Flash.aspx?f=pictograms> and answer more questions on pictograms or design your own.

1. Look at the pictogram and tick the statements that are true:

 = 1 vote


Juice	
Pineapple	
Orange	
Apple	





A. 4 people chose pineapple juice.

B. 7 people chose orange juice.

C. Apple juice was chosen by 6 people.

2. The children at Canonbury made a pictogram of the cars that passed by. Use the pictogram to answer the questions:

 = 1 car

Colour	
Red	
Blue	
Black	
Grey	

A. How many grey cars pass by?

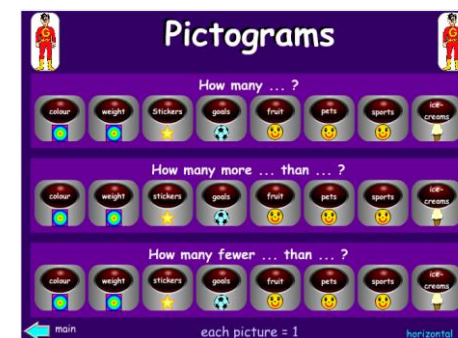
B. How many blue cars were there?

C. How many red cars pass by?



3. Answer questions about pictograms or make your own on this website:

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



Canonbury Home Learning  
Year 2/3 Maths

Lesson 1 – 29.06.2020

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

Success Criteria:

1. Watch the video about pictograms: <https://www.bbc.co.uk/bitesize/clips/zgxhyrd>
2. **Task 1:** Interpret pictograms and answer questions where 1 symbol represents 1 object.
3. **Task 2:** Interpret pictograms and answer questions where 1 symbol represents 2, 5 or 10 objects.

**Model:**

1.



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

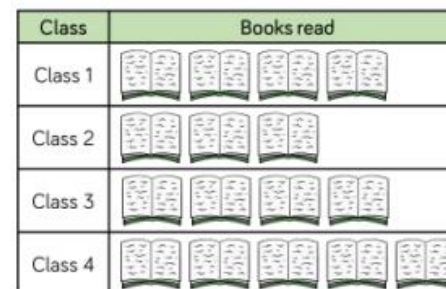
2. Here is a pictogram to show Canonbury teachers' favourite colour t-shirts:



Key  
 = 1 T-shirt

- a) What is the most popular colour t-shirt?  
**Blue has the most with 8 votes**
- b) What colour is the least popular t-shirt?  
**Green with 2 votes**
- c) How many more teachers chose blue t-shirts than red? **4 more teachers**  
**8 teachers chose blue, 4 teachers chose red.**  
**The difference between 8 and 4 is 4:**  
 **$8 - 4 = 4$**
- d) How many teachers were asked? **21**  
**Find the total by adding all the amounts together:  $8 + 2 + 4 + 7 = 21$**

3. 4 classes are recording how many books they read in a week. Here are the results of how many books they read last week:



Key  
 = 5 books

- a) Which class read the most books?  
**Class 4 read 25 books which is the most.**
- b) Which class read the least books?  
**Class 2 read 15 books which is the least.**
- c) How many more books did Class 4 read than Class 2? **10 more books**  
**Class 4 read 25 books, class 2 read 15 books. The difference between 25 and 15 is 10:**  
 **$25 - 15 = 10$**

**Task 1**

**Practice**

Answer the questions using the pictograms

**1 symbol represents 1 object**

1.

Creature	
Lobster	
Starfish	
Octopus	
Turtle	

- Which creature was the most common?
- How many starfish were there?
- How many more turtles were there than lobsters?

2.

Flavour	
Vanilla	
Cookie	
Toffee	
Mint	

- Which flavour was the least popular?
- How many chose toffee as their favourite?
- How many children were asked altogether?

3.

Animals	
Monkey	
Tiger	
Lion	
Zebra	

- Which animal was the second most common?
- If he saw 2 more giraffes than he saw tigers, how many did he see?
- How many more lions were there than tigers?

**Task 2**

**Practice**

1.

Class	Number of Children
Class 1A	
Class 2A	
Class 3A	
Class 4A	
Class 5A	

Key: = 5 children

- How many children like football in class 2A?
- How many children like football in Class 4A and Class 5A?
- Which class liked football the most?
- Which two classes liked football the least?

2.

Drink	Number of Children
Lemonade	
Cola	
Juice	
Water	
Milk	

Key: = 10 children

- How many children like juice?
- How many children like cola and milk?
- How many more children like water than lemonade?
- Which two drinks are the most popular?

3.

Cupcake	Number of Cupcakes Sold
Carrot	
Lemon	
Chocolate	
Vanilla	
Red velvet	

Key: = 10 cupcakes sold

- How many chocolate cupcakes were sold?
- How many fewer carrot cupcakes were sold than lemon cupcakes?
- How many more chocolate cupcakes were sold than carrot cupcakes?

**Task 3**

**Reasoning**

**Explain your answers.**

5a. True or false?

- A. 10 children have a fish or a rabbit.
- B. 24 children were asked in total.

Pets	● = 1 vote
Rabbit	
Dog	
Fish	

Explain your answers.

9b. Who is correct? Explain your answer.

34 people voted, so 4 symbols are missing.

Anna

Twice as many people voted for red as purple.

Joe

Red	Green	Purple

● = 1 vote

6a. Sue draws a pictogram to show the children's favourite author.

Author	Number of Children 1 book = 10 children
Dahl	
Walliams	
Rowling	
Morpurgo	

Half the number of children that voted Dahl, voted Morpurgo.

★ Is she correct? Explain your answer.

**Task 4**

**Problem solving**

4a. Charlie has spilt on his pictogram.

● = 1 vote

Transport	
Car	
Walk	
Bike	

Use the clues to work out how many travel by car.

More people walk than travel by car.  
Fewer people ride a bike than travel by car.



4b. Kara has spilt on her pictogram.

● = 1 vote

Subject	
English	
Maths	
Art	

Use the clues to work out how many chose Maths.

English was the most popular subject.  
At least 3 more chose Maths than Art.

5a. Dave is drawing a pictogram. He knows more children have blonde hair than ginger, but fewer children have blonde hair than black.

Complete the pictogram showing one of the possibilities.





Hair Colour	Number of Children
Black	
Blonde	
Brown	
Ginger	

Key: = 2 children



**Challenge**

2. Indi and Isaiah spill pizza sauce on the pictogram below. They know that in total, more than 70 but less than 100 pizzas were made.

Flavours	Number of pizzas made
Vegetarian	
Margherita	
Olive	
Pepperoni	



Indi

Most people chose pepperoni.

Between 8 and 16 people chose vegetarian.



Isaiah

Key:  = \_\_\_

Use the clues to investigate what each pizza is worth and how many people chose olive and pepperoni pizzas.