

Use your knowledge to complete these equations.



Engage

$$37 + 12 =$$

$$54 - 12 =$$

$$8 \times 2 =$$

$$\text{quarter of } 12 =$$

$$24 \div 3 =$$

Key Learning:
To represent data using a pictogram

Success Criteria

- I know what the term data means.
- I can record data in a pictogram.
- I can count up a pictogram to find an amount.
- I can read a pictogram to interpret data.

Star Words

data interpret tally chart pictogram
record bar chart



What types of charts have we looked at so far?

Introduce

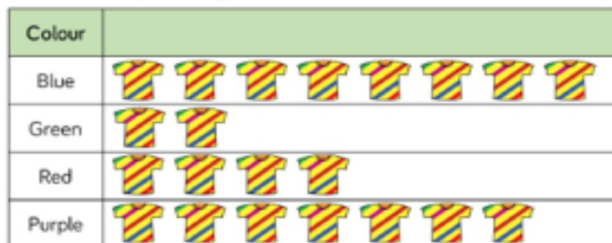


Tally chart		
Soccer		5
Tennis		2
Football		12
Baseball		10
Basketball		9



Look at this chart . Do you know what type of chart it is?

Here is a pictogram to show Class 5s favourite t-shirts.



Key

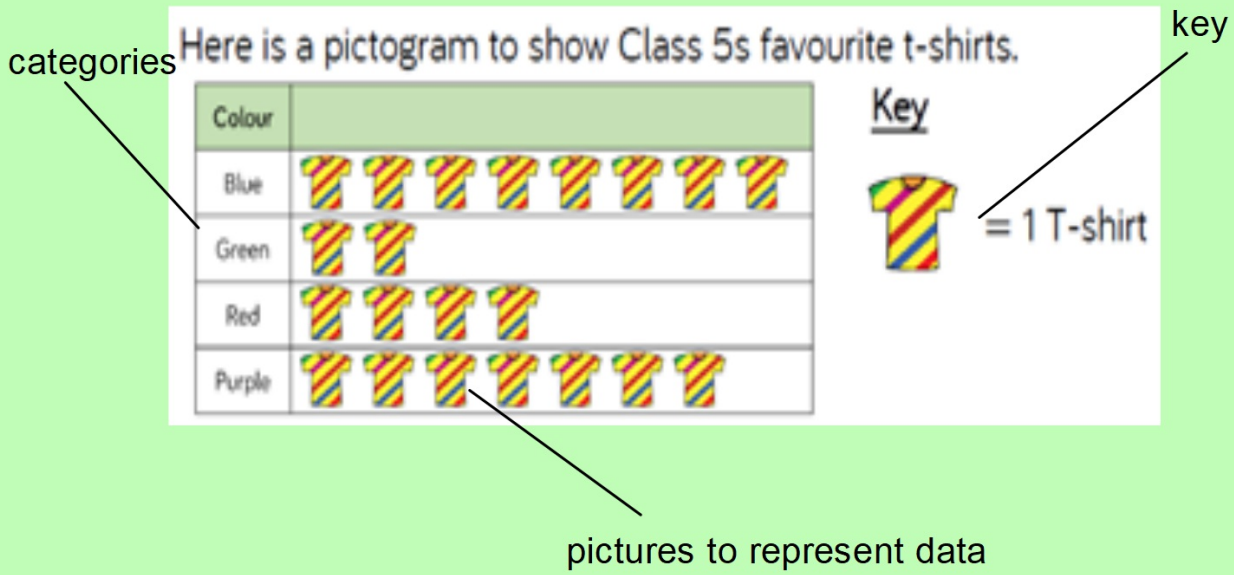



= 1 T-shirt

It is a pictogram!

Let's look at this pictogram

Introduce






 What is a key?


a key tells us the number each picture represents

Let's use the key to help us complete this pictogram

Introduce

Hair Colour		Total
Black		5
Blonde		
Brown		9
Ginger		4

Key

 = 1 person


Lets represent this data using the pictogram below.

Practise
and
consider


football		4
tennis	I	6
basketball		2
rugby	III	8



What do you notice about the key?

Football	
Tennis	
Basketball	
Rugby	

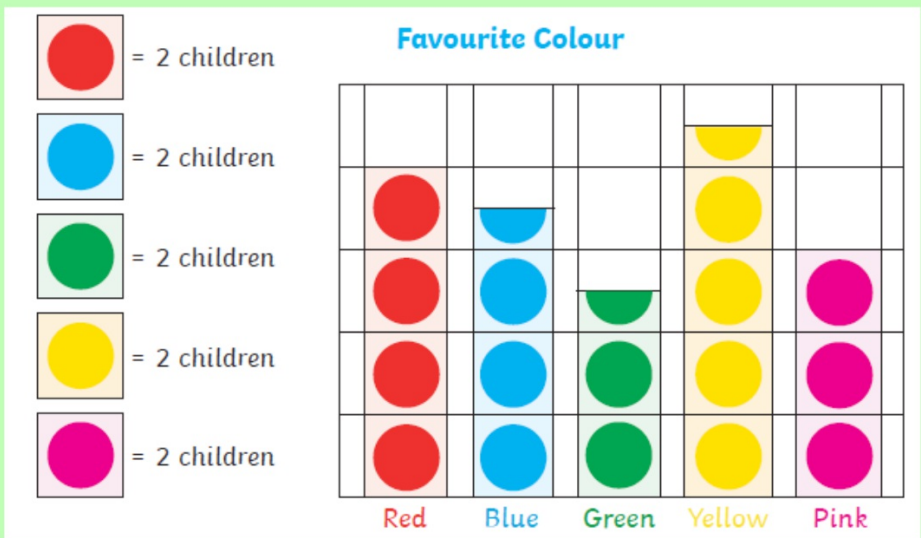
Key

 = 2 people



How many more people like tennis than football?

 What do you notice about this pictogram?



 On the key it shows one circle represents two children.
What does half a circle represent?

- How many children like pink?
- How many children choose blue?
- How many children choose green and red altogether?

You are going to create some tally charts, bar charts and pictograms using data about The Deep!

At The Deep there are...

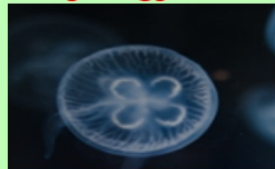
12 clownfish



10 penguins



15 jellyfish



6 sharks








3 stingrays



1. Tally chart

Independent
task

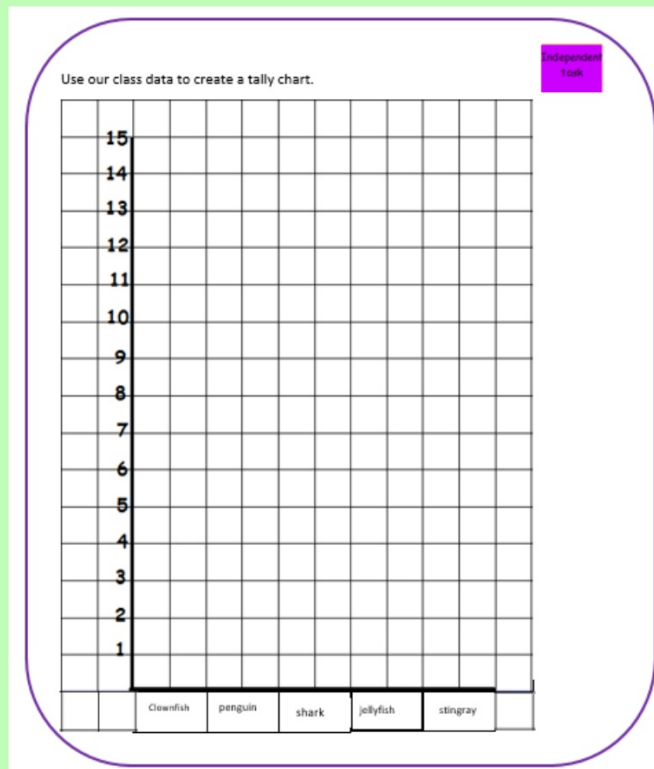
Fill in the tally chart to show the correct totals.

Animal		How many?	Total
Clownfish			12
Penguin			10
Shark			6
Jellyfish			15
Stingray			3

2. Bar chart

Independent task

Use the same data to create a bar chart.



3. Pictogram

Independent
task

Use the same data to create a pictogram.

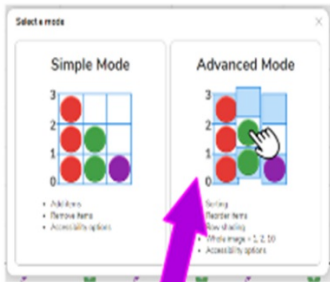
You can either use:

Paper to draw your own pictogram (template provided)

Purple Mash - log in and go to your 2Dos. Use the app 2Count to create your pictogram. (Step by step instructions on how to use are on the next slide).

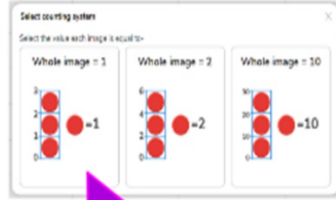


1.



Advanced Mode

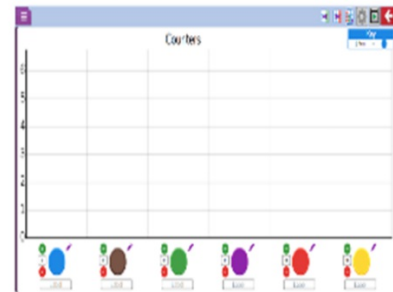
2.



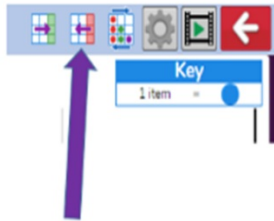
Whole image = 1

3. 2count will start by showing a colour pictogram.

Independent task

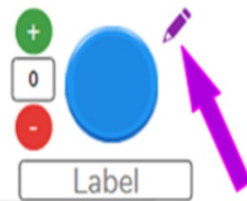


4.



Click this icon in the top corner. This will reduce the amount of categories. We only need 5 categories for our pictogram.

5.



To change the categories, click the pencil.

6.



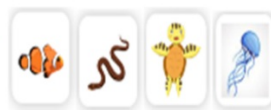
Search for the sea creature

7.



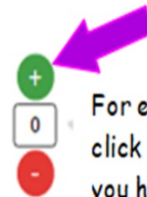
Select the picture

8.



Search and select the picture for each category.


9.








For each sea creature click the + symbol until you have the right amount.

Lets look at this pictogram together

Deepening


Key  = 1 child


Favourite Animal	Number of Children
Dog	
Cat	
Snake	
Bear	
Horse	


What was the most popular animal?


How many children's favourite animal was a bear?

How many children chose snake and horse
alogether?

Asif 

Tom 


Sandra 


Essie 

Lena

Lena has 8 socks.

How would this be represented on the pictogram? Draw It.

Key  represents 2 socks



Key Learning: To represent data using a pictogram.
10.03.23 Deepening






True / False  


Use the pictogram to decide if the statements are true or false.

Animal	Number on farm
Pigs	
Sheep	
Horses	
Chickens	
Cows	

 = 10 animals

Here is a pictogram to show minibeasts collected by Class 5.

Minibeast	
Woodhouse	
Ladybird	
Centipede	
Worm	
Spider	

Key  = 1 minibeast

There are _____ ladybirds

There are _____ centipedes and worms altogether.

There are _____ more worms than centipedes?



Statement	True or False?
Horses were the least popular animal.	
The number of chickens seen was half the number of cows seen.	
The total amount of pigs and sheep is 70	
There were 8 cows on the farm.	
There were 10 fewer chickens than sheep.	