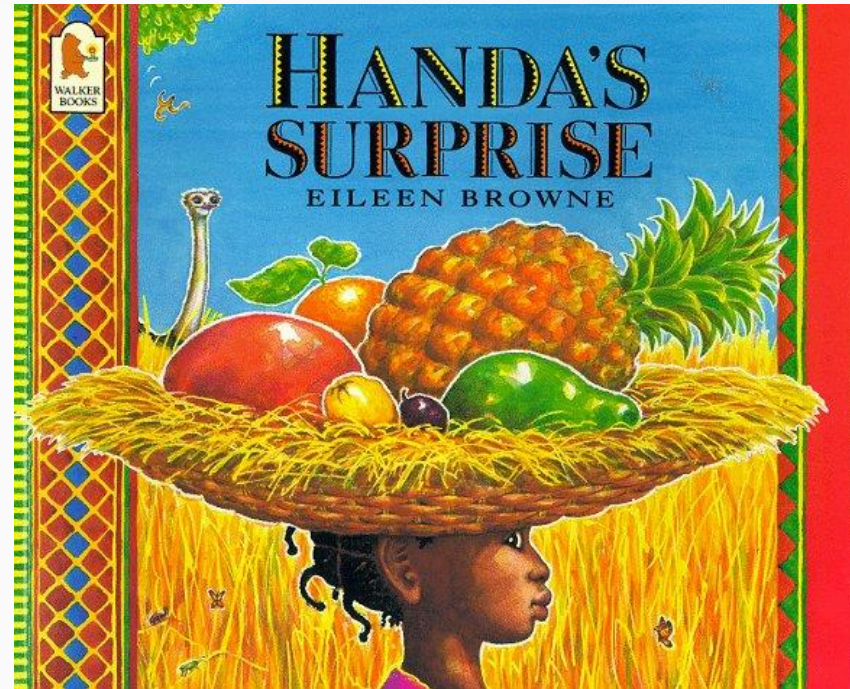


# Numeracy - Handa's Surprise

Week beginning 29th June 2020

Please note that these slides should be used to support home learning.

You are not required to print them



This week the focus will be on collecting and analysing data.

What is data?

Data is a collection of information.

We will be collecting data about some of the fruits from the story.

Can you remember what fruits were in the story?

Before we can collect data, we can group our data.

Watch here to learn more: <https://www.youtube.com/watch?v=qC3oaLmeZDU>



Can you group the fruits so that all of the same fruit type are together?

Now count how many fruits you have in each group?

For example: There are 3 tangerines



When grouping I counted:

5 bananas

7 oranges

10 mangoes

4 avocado

3 tangerines

Am i correct? Which do i have wrong?

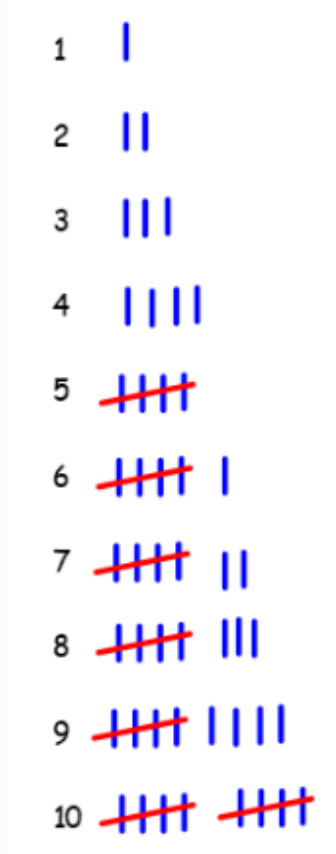
There are different ways to record data.



Today we will practise using tally marks

Tally marks are a way of recording data without using numbers, instead we use marks.

Watch: <https://www.youtube.com/watch?v=adaIP0ILm88>

What do you notice about the way we record 5 tally marks?






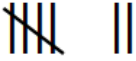






fruit	tally	total
 <p>banana</p>		
 <p>orange</p>		
 <p>mango</p>		
 <p>avocado</p>		
 <p>tangerine</p>		

Using tally marks, can you record how many bananas, oranges, mango, avocado and tangerines you counted yesterday?

You could even ask people in your family which fruit is their favourite and record these tallies.

When you have finished collecting the data can you count the tally marks for each fruit and write the number for each in the total box?



<i>fruit</i>	<i>tally</i>	<i>total</i>
 banana		5
 orange		7
 mango		10
 avocado		4
 tangerine		3

Here is an example:  
On Monday we counted -

5 bananas

7 oranges

10 mangoes

4 avocado

3 tangerine.











To fill in my table I have used tally marks

Today we are going to create a pictograph.

A pictograph uses one picture to represent one number.  
Watch the videos to find out more:

<https://www.youtube.com/watch?v=UFM59XMQCTk>




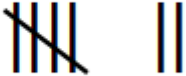






<https://www.youtube.com/watch?v=T9VwmBvGEOU>

Favorite Fruit	
fruit	votes
	
	
	
	













To create your pictograph you can use the data that you have collected on your tally chart or you can use the data on page 6



fruit	tally	total
 banana		5
 orange		7
 mango		10
 avocado		4
 tangerine		3

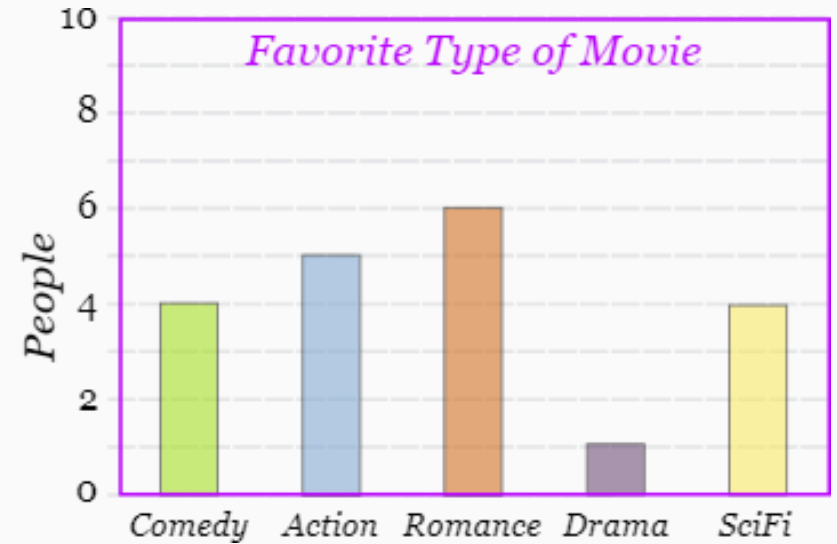
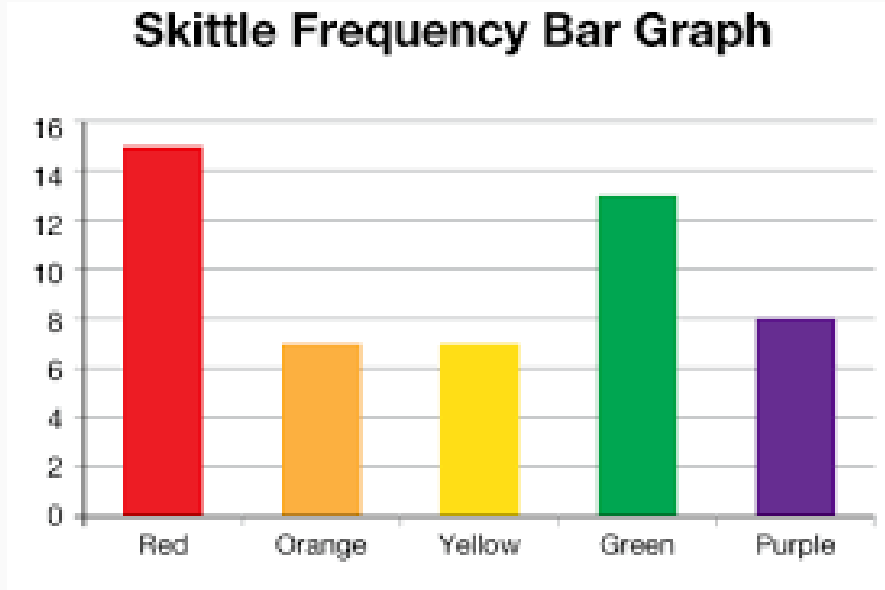
You could use the data in this tally chart to create your own pictograph. We have made a start for you here:






10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
	 banana	 orange	 mango	 avocado	 tangerine

Today we are going to create a bar graph using the data from a tally chart

A bar graph uses a bar of colour to represent amounts. Watch this video and see the examples on this page:

<https://www.youtube.com/watch?v=0wXkzLYwJKA>








fruit	tally	total
 banana		5
 orange		7
 mango		10
 avocado		4
 tangerine		3

Can you create a bar graph using the data from a tally chart?

**Example:** 5 people liked bananas, so we need to colour in 5 bars in the banana column






You can use different colours to represent each fruit.

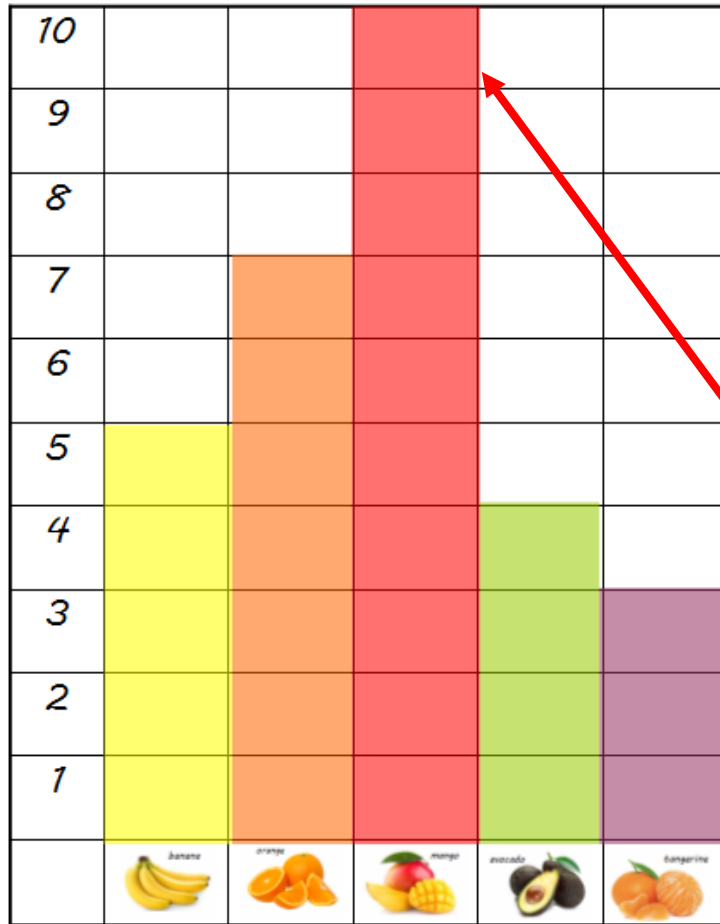
10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
	 banana	 orange	 mango	 avocado	 tangerine

This week we have collected data and used different ways to present our findings.

Today, we are going to analyse the data.

Analysing data means looking at the information we have and then answering questions about the information

10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
	 banana	 orange	 mango	 avocado	 tangerine



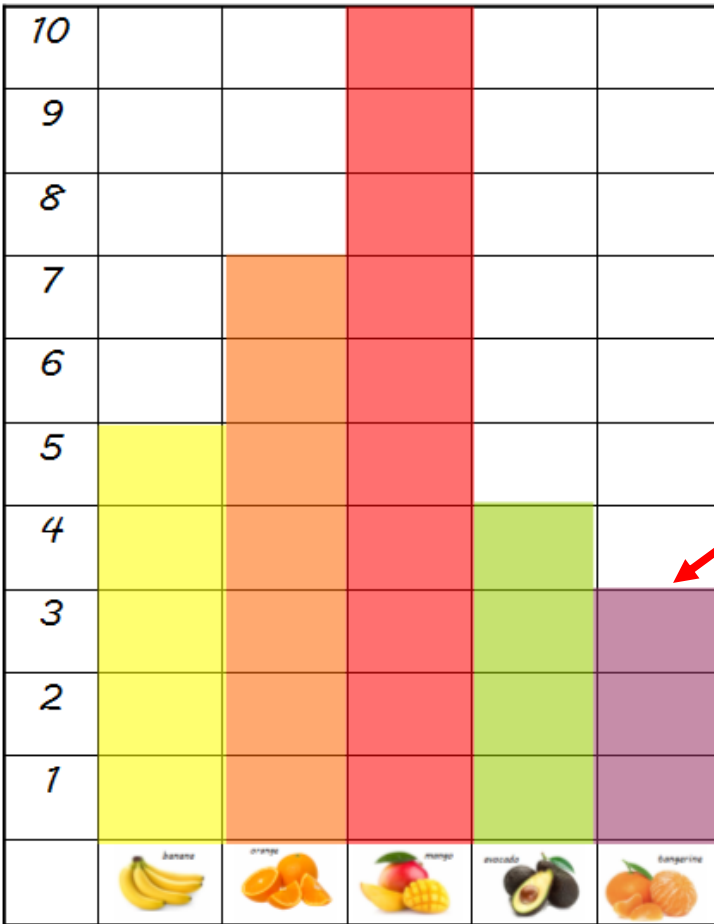
Which fruit is the most popular?

When looking for the most popular fruit we have to look at the fruit which has the most bars coloured in.

Look at the bar graph,

Which fruit has the most bars coloured in?

Mango is the most popular fruit because it has 10 bars coloured in.



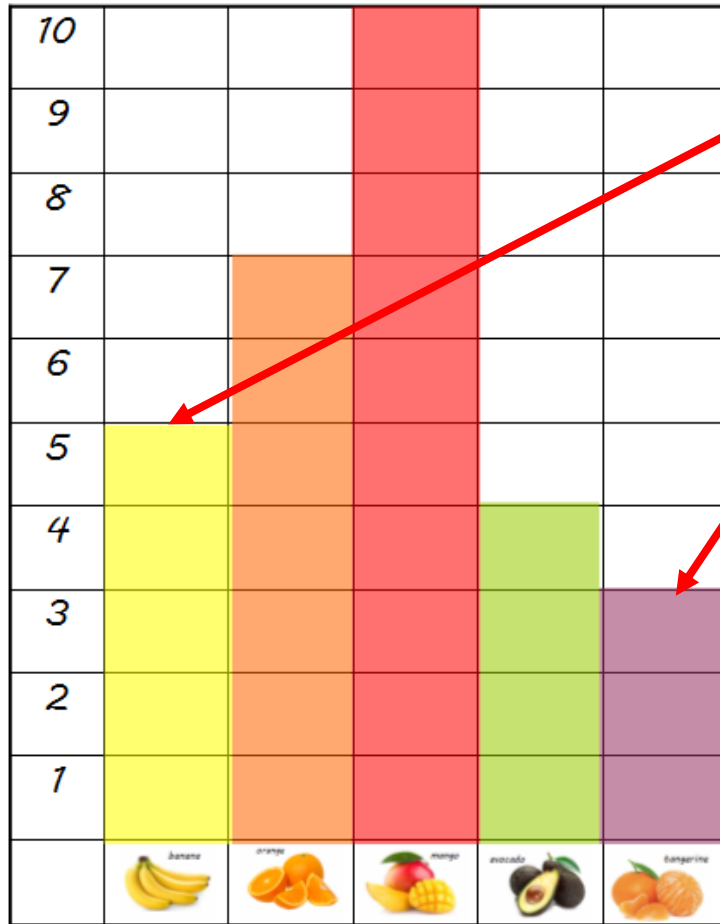
Which fruit is the least popular?

When looking for the least popular fruit we have to look at the fruit which has the least bars coloured in.

Look at the bar graph,

Which fruit has the least bars coloured in?

Tangerine is the least popular fruit because it has 3 bars coloured in.



How many people like banana?

Let's look at the banana column. 5 bars are coloured in so 5 people like banana

How many people like tangerine?

Let's look at the tangerine column. 3 bars are coloured in so 3 people like tangerine

Now analyse the data from your graphs this week