

Solve its!

Engage

$$13 + 51 =$$

$$75 - 41 =$$

$$\frac{3 \text{ of } 20}{4}$$

$$6 \times 10 =$$

$$18 \div 3 =$$

Key Learning - to collect data and display this data in different formats.

Success criteria

- I can choose categories for my data.
- I can collect data using a tally chart.
- I can use my tally chart to create a bar chart or pictogram.

Deepening I can interpret my data and write about the results.

Star Words

data interpret bar chart
tally chart pictogram key scale

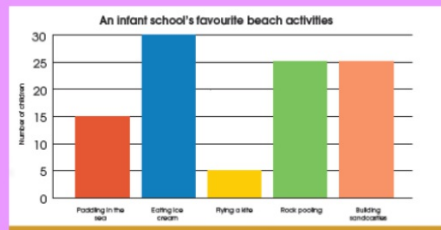
Let's
Recap



What do we call the numbers down the side of a bar chart?

Introduce

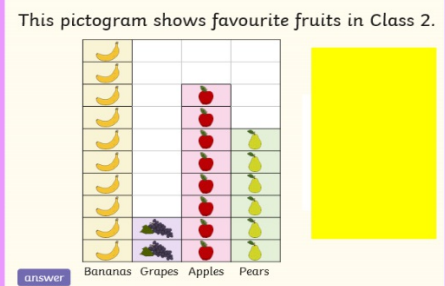
Tally Chart		
	Tally	Total



Which part of the pictogram tells us how many each picture represents?



How do we represent the number 5 on a tally chart?



It's time to collect your data!

Practise
and
consider

1. Choose your categorie:

This needs to be something that you have access to in the classroom.

E.g - colours of felt tips, books in the book corner or eye/hair colour of children in the class.



Maximum of 6 categories

2. Collect your data

Complete a tally chart.

Tally chart	
Tally	Total

Remember the 5th line goes across!

Use the data from your tally chart to create a bar chart or a pictogram.

1. Choose if you want to create a bar chart or a pictogram.
2. Choose if you would like to draw your chart on paper or use the ipads to make it electronically.

1. Draw a line vertically that is 15cm (15 squares)
 2. Draw a line horizontally that is 12cm (10 squares)
 3. Write the numbers on the vertical line
 4. Write the categories on the horizontal line
 5. Create your bar chart using the data from the tally chart.

Use a ruler

4
3
2
1

Jellyfish Clam Cake Each bar needs to be 1cm square at base.

If you are drawing your own bar chart, use this printed support to help you.

If you are using the ipads to create a pictogram, use this printed support to help you.

1. Select a category
2. Choose a symbol
3. Set chart to display as colour pictograms
4. Click this icon in the top screen. This will reduce the amount of categories. We only need 8 categories for our pictogram.
5. To change the category bar, click the pencil.
6. Search for the symbol or picture
7. Select the picture
8. Search and select the picture for each category.
9. For each row or column, click the + symbol until you have the right amount.

Deepening

Interpret your data and write about the results.

Deepening

What type of chart did you create? Circle one.

bar chart pictogram

What categories did you choose? Write them below.

Which was the most popular category?

Which was the least popular category?

What is the difference between the most popular and the least popular?

