L.I. To analyse and present data in a pictogram.

Steps to Success

- To understand what data is
- To understand how data is presented in a pictogram
- To understand how the scale can vary on pictograms
- To be able to draw your own pictogram.

Key Question!

* What is a pictogram?

A pictogram is a way of representing data (information) in a chart by drawing pictures.

Example

Tally marks from yesterday's example

FRUIT	TALLY	TOTAL
Apple	𝈢𝈢 II	7
Banana	𝈢𝈢	5
Grapes	𝈢𝈢 III	8
Orange	III	3

Favourite Fruit

	Apple	Banana	Grapes	Orange
8			🍇	
7	🍎		🍇	
6	🍎		🍇	
5	🍎	🍌	🍇	
4	🍎	🍌	🍇	
3	🍎	🍌	🍇	🍊
2	🍎	🍌	🍇	🍊
1	🍎	🍌	🍇	🍊
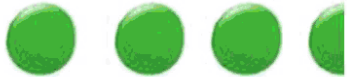
In this example each picture of fruit represents one person.

So 3 people like oranges the most!
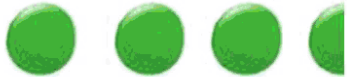
How many pupils prefer grapes?

How many pupils prefer apples?

How is this pictogram different?

Colour	Number of Smarties	Frequency
Green	🟢🟢🟢◖	7
Orange	🟠🟠🟠🟠	8
Blue	🔵🔵◖	5
Pink	🔴🔴🔴	6
Yellow	🟡🟡🟡🟡🟡◖	11
Red	🔴🔴🔴🔴	8
Purple	🟣🟣🟣◖	7
Brown	🟤◖	3
	Key 🔴 = 2 smarties	

How is this pictogram different?

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Purple		7
Brown		3
	Key ⬤ = 2 smarties	

Did you spot it? Each picture here Represents 2!

In fact…

The pictures in a pictogram can represent any amount as long you write 'a key' explaining the value of each picture!

But, you must think carefully about the numbers you are going to represent- you don't want to be drawing quarter of a picture etc! That would be too tricky!

Your Turn!

* Draw a pictogram to represent the data you collated yesterday regarding people's favourite holiday destination!

* You choose what picture your going to use but remember to keep it simple- you'll be drawing it lots of times!

* Remember to put a key to show the value of each picture.

Reflect on your learning!

* Can/ do you now….

- …understand what data is?

… understand how data is presented in a pictogram?

…understand how the scale can vary on pictograms?

- …draw your own pictogram?

I'd love to see a picture of your finished pictogram on Twitter! ☺