Friday 3rd July – STATISTICS RECAP
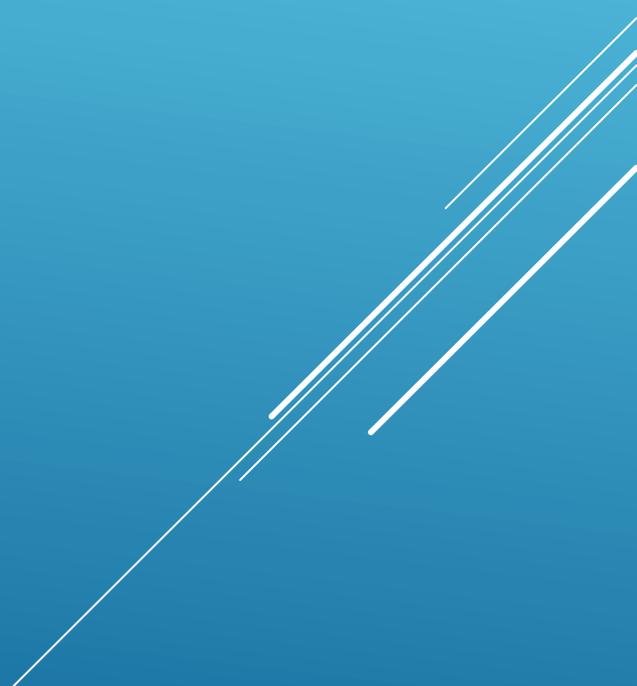
STATISTICS

In this lesson we will be revisiting the work we have done throughout this week on graphs.

We will be consolidating our understanding of using different types of graphs/charts as well as knowing how to interpret (read) them.

These are the 3 different types of graphs/charts we were looking at:

- Pictograms

- Bar charts

- Line graphs

Pictograms

Questions to ask your self..
(answer the questions below by either explaining it to yourself or to some one else)

- Refer to the picture to help you answer the questions.
- What is a pictogram?
- What are the main features of a pictogram?
- How can we tell the difference between a picogram and a bar chart?

Ice cream flavour	Number of ice creams sold
vanilla	🍦 🍦 🍦 🍦
chocolate	🍦 🍦 🍦 🍦 🍦 🍦
strawberry	🍦 🍦
mint choc	
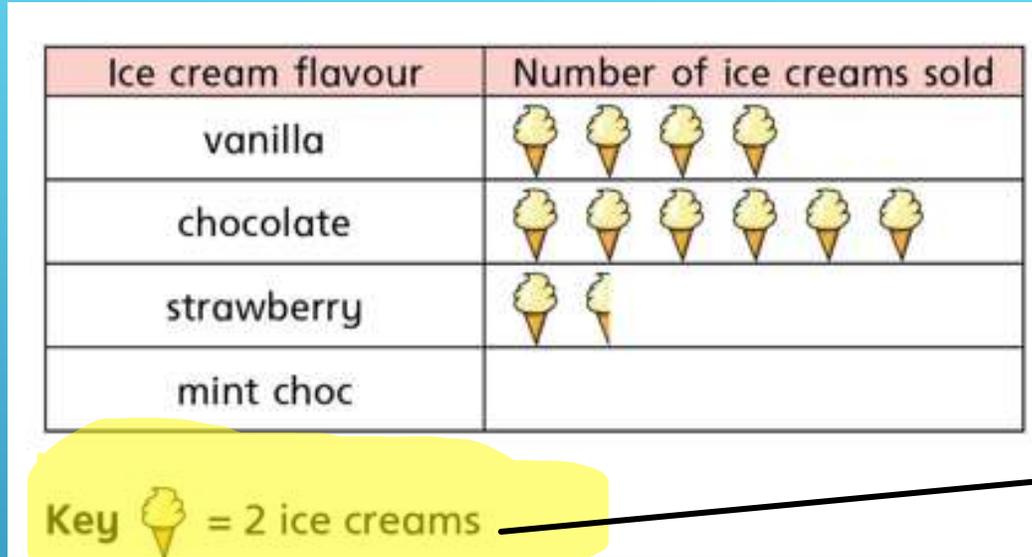
Key 🍦 = 2 ice creams

Remember to refer to the key, EACH complete/ FULL ice cream actually represents 2 ice creams.

Answer the following questions:

1. How many Ice creams were sold in total?

2. How many MORE chocolate ice creams were sold than strawberry ice creams?

3. On the hottest day of the year, 7 times more vanilla ice cream were sold, 5 times more chocolate ice cream were sold and 2 times more strawberry ice cream were sold. How many ice creams in total were sold that day?

Bar charts

Questions to ask your self..

(answer the questions below by either explaining it to yourself or to some one else)

- Refer to the picture to help you answer the questions.
- What is a bar chart?
- What are the main features of a bar chart?
- Where is the Y Axis and where is the X Axis?
- How can we tell the difference between a bar chart and line graph?

Remember, bar charts have a scale which means that each square doesn't always represent 1. They may go up in different amounts like this one which goes up in twos.

The bar chart shows the number of visitors to a museum in a week.
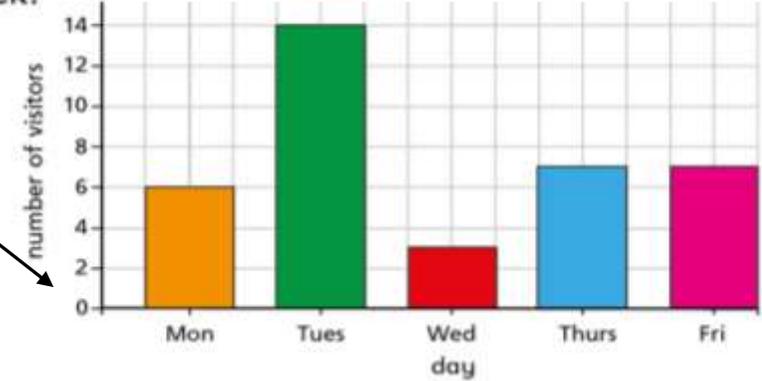
Use the bar chart above to answer the following questions:

1. How many visitors were there on Tuesday?

2. How many MORE people visited the museum on a Thursday than on Wednesday?

3. During the holiday, there were 5 times more visitors on a Monday, triple the amount on Tuesday, double the amount on Wednesday, 7 more on Thursday, and 5 less on Friday. How many visitors visited the museum that week?

Line graphs
Questions to ask your self..
(answer the questions below by either explaining it to yourself or to some one else)

- Refer to the picture to help you answer the questions.
- What is a line graph?
- What are the main features of a line graph?
- Where is the Y Axis and where is the X Axis?
- Look at the line graph, what is the ?
- How can we tell the difference between a bar chart and line graph?
- Use the line graph to help you answer the questions :

The growth of cress over 10 days
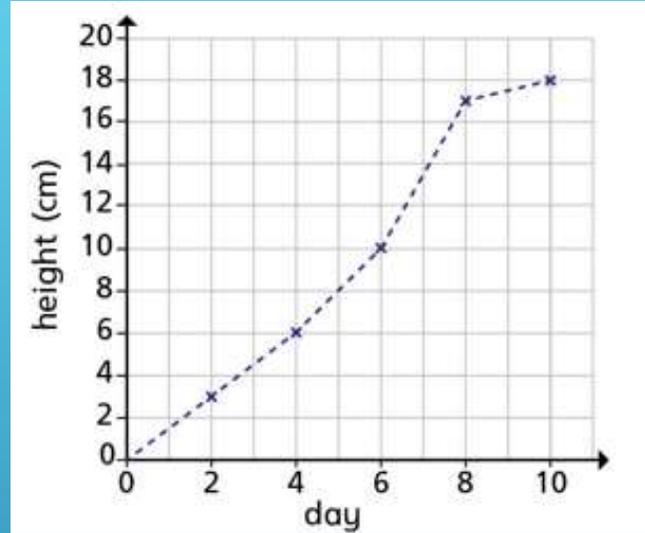
1. What was the height of the cress on day 4?

2. What is the difference in height of the cress from day 4 to day 6?

3. What is the difference in height from day 2 to day 10?

4. How much taller did the cress grow from day 6 to day 8? What might have caused this?

5. How much did the cress grow from day 8 to day 10 ? What do you think is happing? Will the cress grow even more?

6. Which days showed the greatest amount of growth? Which days shows the least amount of growth?