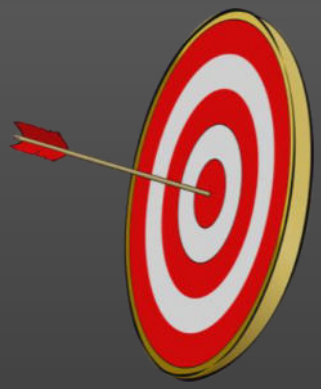
How tall was the tallest person in recorded history?

ENHANCING PRIMARY SCIENCE

Robert Wadlow

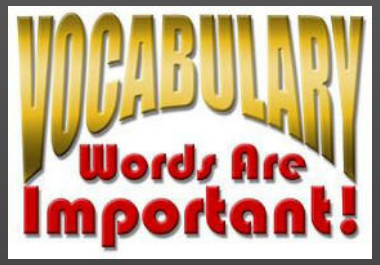
He was 8 foot 11 inches

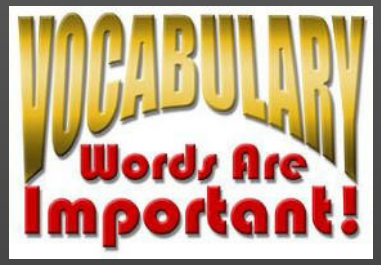
Investigating Height



Further develop your understanding of variation.

Run an investigation to produce results, a graph and a conclusion.





Variation is the difference between things.

A conclusion is sometimes the most important part of an investigation. It is looking at your results and describing any patterns you have found out.

The range is the limits of your results in an investigation, smallest to biggest.

Humans vary in size, we are all different

Some vary in size more

Range

When you measure the variation in a certain characteristic, you find a range of values, with some values more common than others. For example, adult humans range in height from about 70 cm to over 240 cm but most are between 150 cm to 190 cm.

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Aim of your investigation

To measure the height of all pupils in the class to observe and record variation.

Recording Results

Do you remember why it is important to record your results?

A good Scientist will always record their results so other people can see what you have found out.

Recording Your Results

You do not need to record the pupils name, each can be given just a number.

What key bit of information is missing?

Pupil	Height
1	
2	
3	
4	
5	

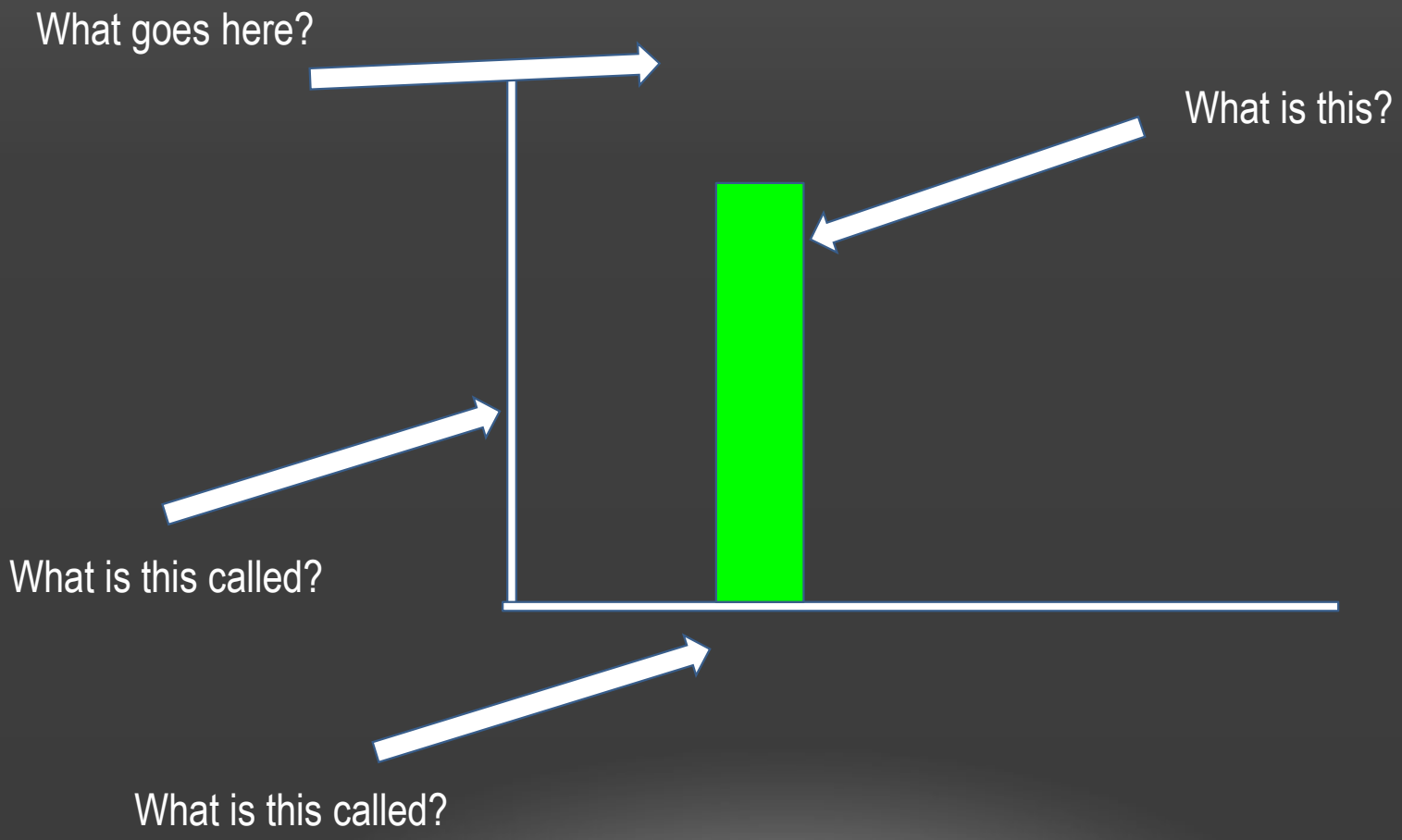
Recording Your Results

You do not need to record the pupils name, each can be given just a number.

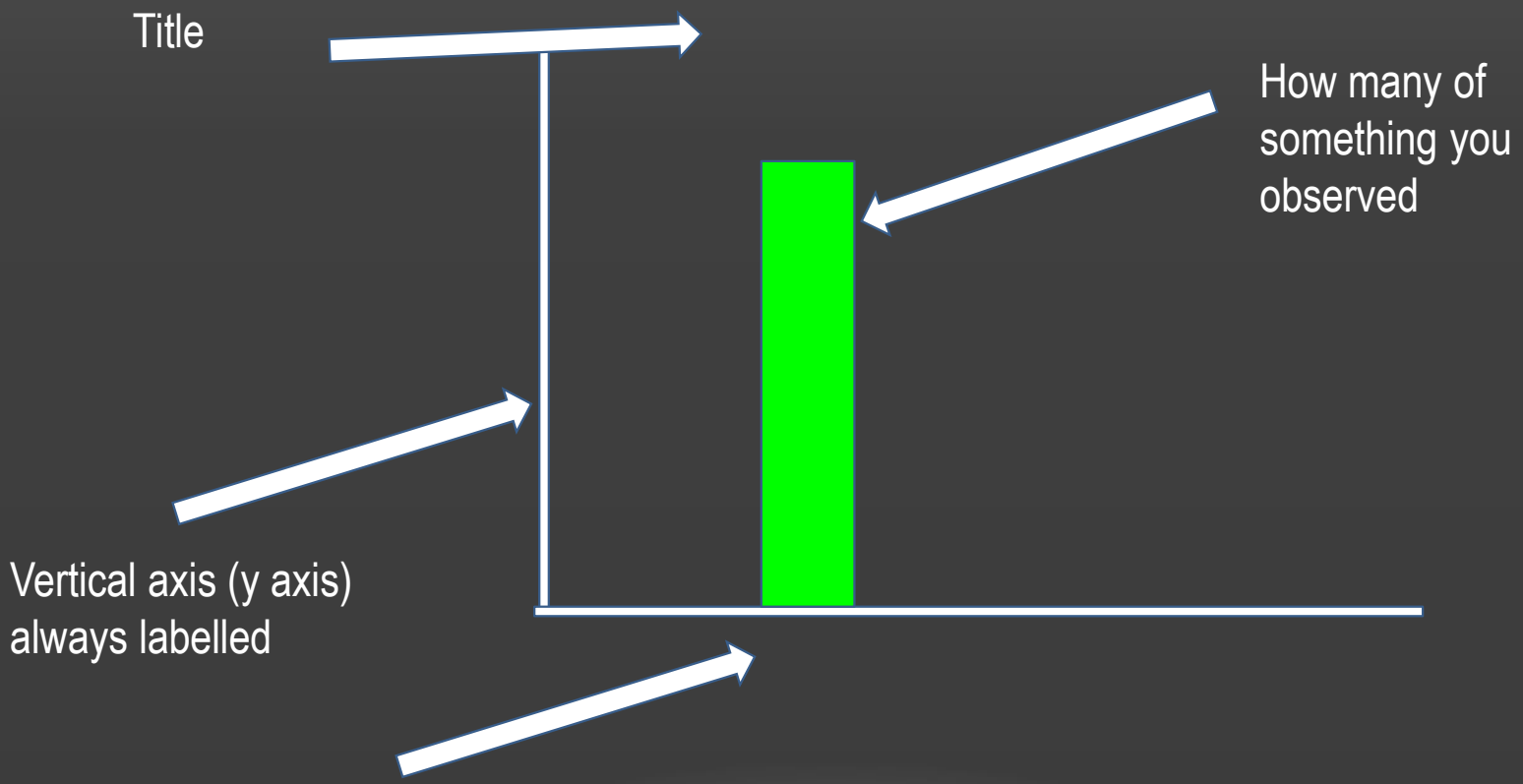
Unit of measurement

Pupil	Height (cm)
1	
2	
3	
4	
5	

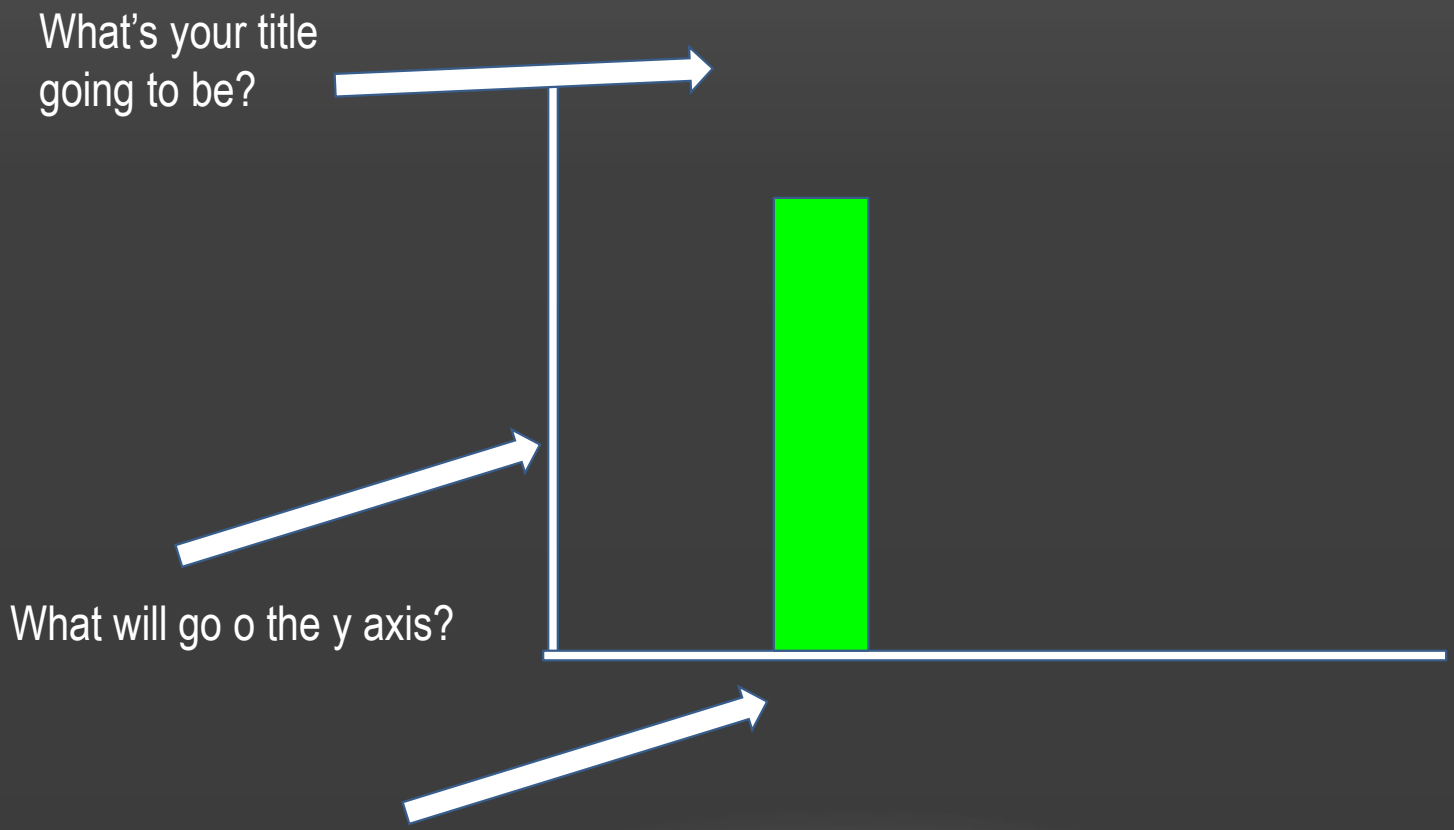
Bar Chart


What goes here?
What is this?
What is this called?
What is this called?

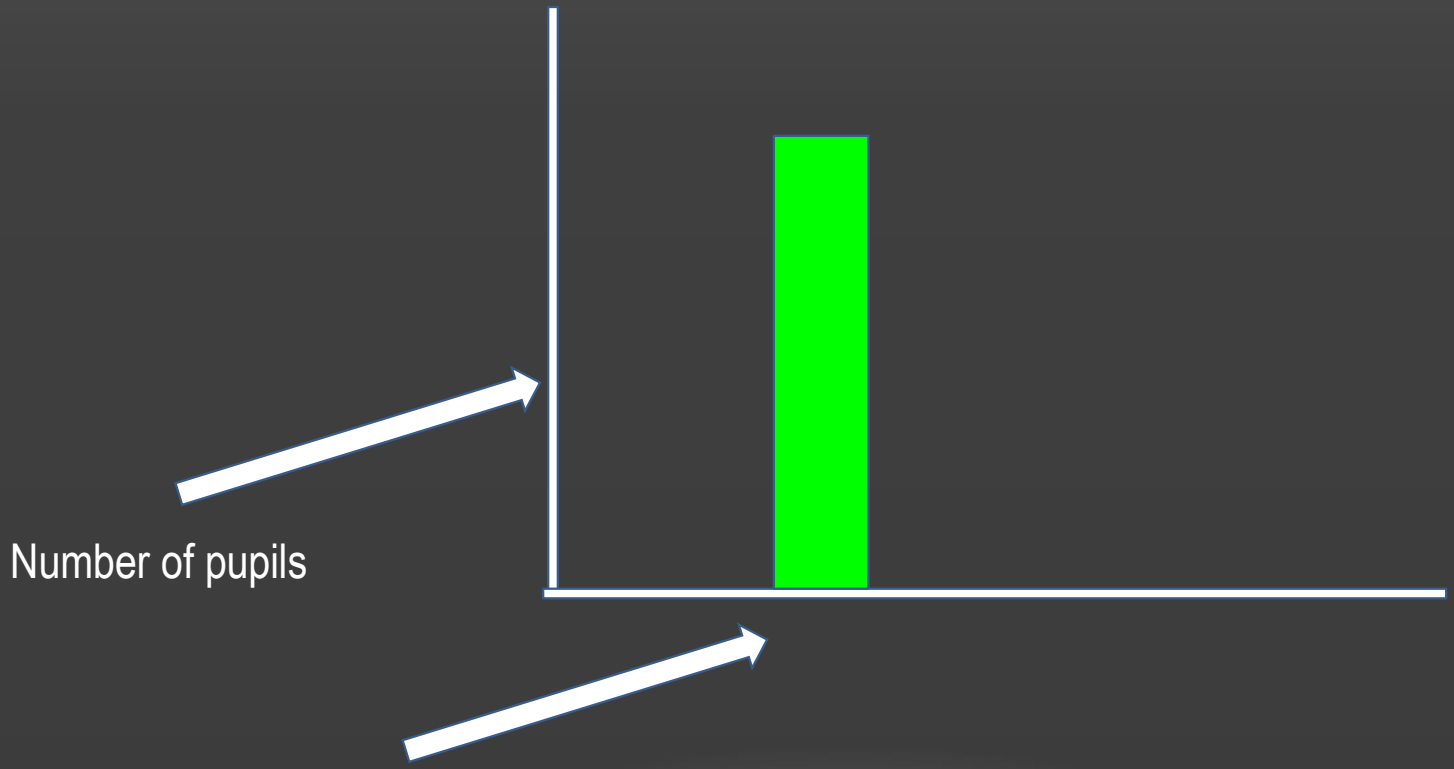
Bar Chart


Title
How many of something you observed
Vertical axis (y axis) always labelled
Horizontal axis (x axis) always labelled

Bar Chart


What's your title going to be?
What will go o the y axis?
What will go on the x axis?

Bar Chart


Number of pupils
Height of pupils (grouped as per necessary to our class)

Discuss Your Findings

Conclusion

Make a judgement on your investigation and your findings. Use the keywords below to describe what you found out and what it means.

What did you find out in your investigation?

Possible discussion point:

The range was…

Most pupils were between the heights of…

How have you become a better Scientist today?

Talk to your friends on your table and tell them how this lesson has made you a better Scientist.