Year 3 Science

Week beginning 19/10/2020 – Amazing bodies

We are learning…

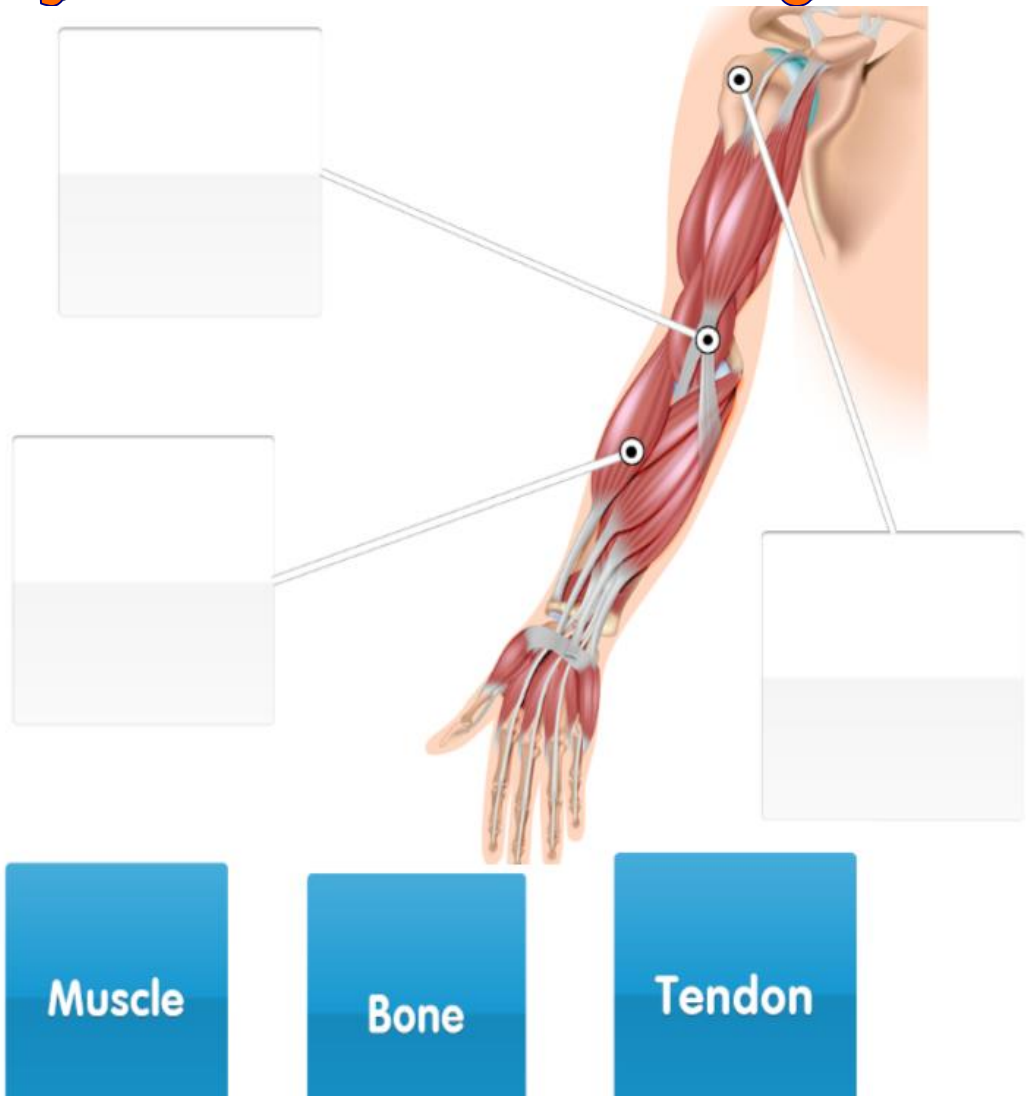
LO: LO: To draw conclusions based on data gathered in an investigation .

Success Criteria:

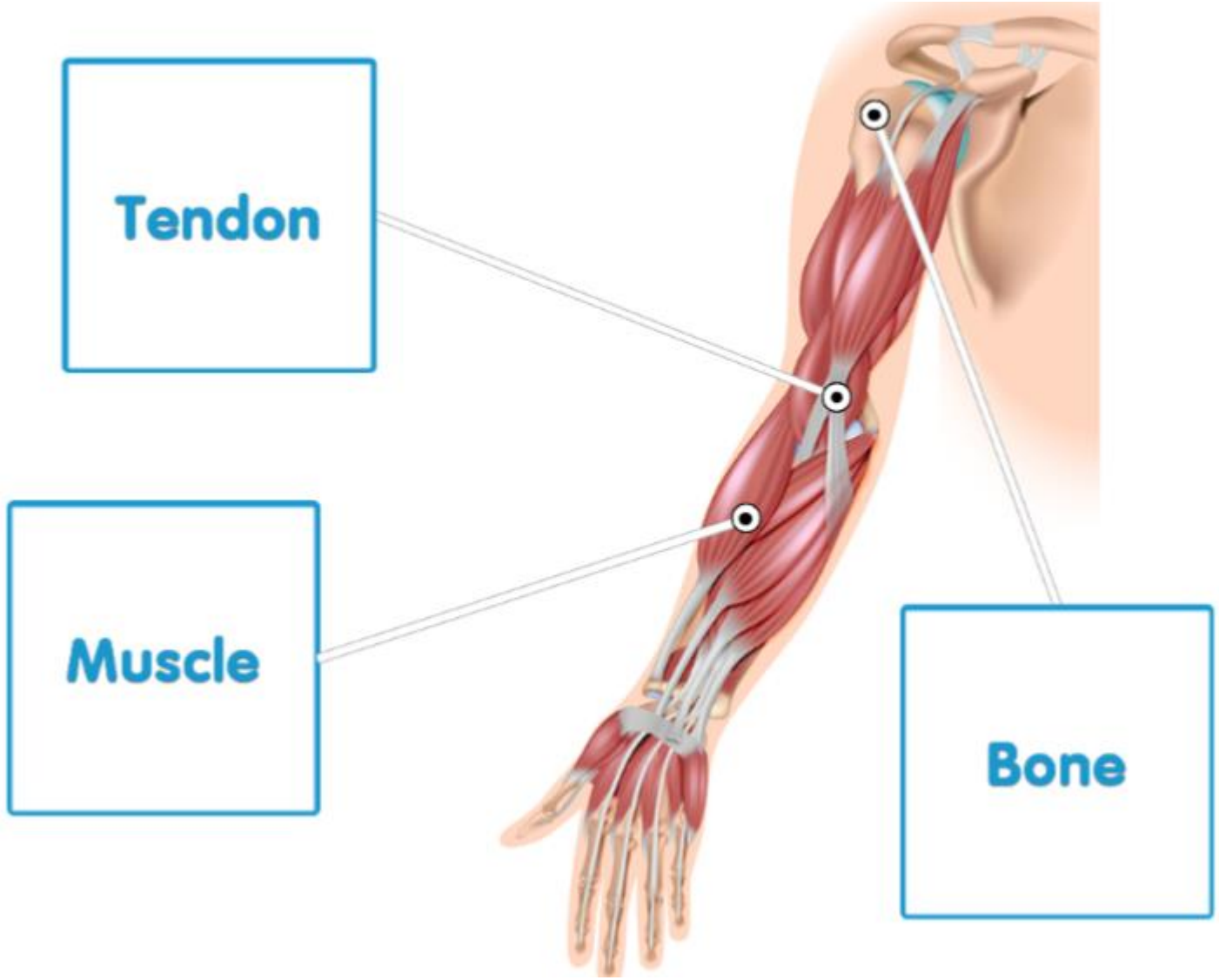
- **I can describe a possible pattern .**
- **I can explain what my results tell me.**
- **I can suggest how to improve the investigation.**

Can you label the diagram?

RECAP



Look at the correctly labelled diagram...



Last lesson you planned an investigation to see if there was a pattern between our bodies and how well we can perform some activities.

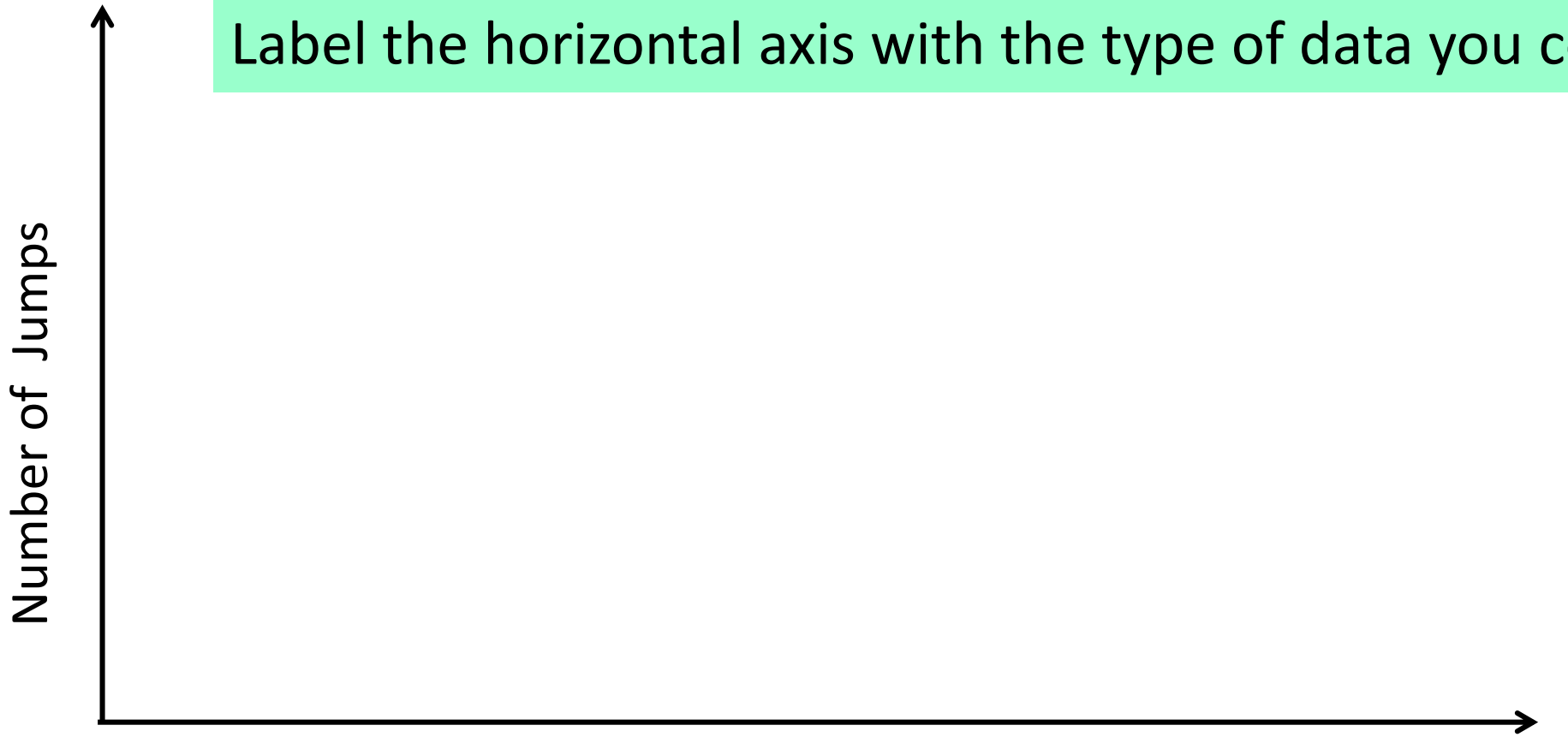
You wrote a set of clear instructions, a resources list and clear guidance on how to take measurements.

Let’s activate our learning!

https://www.bbc.co.uk/bitesize/clips/zpp6n39

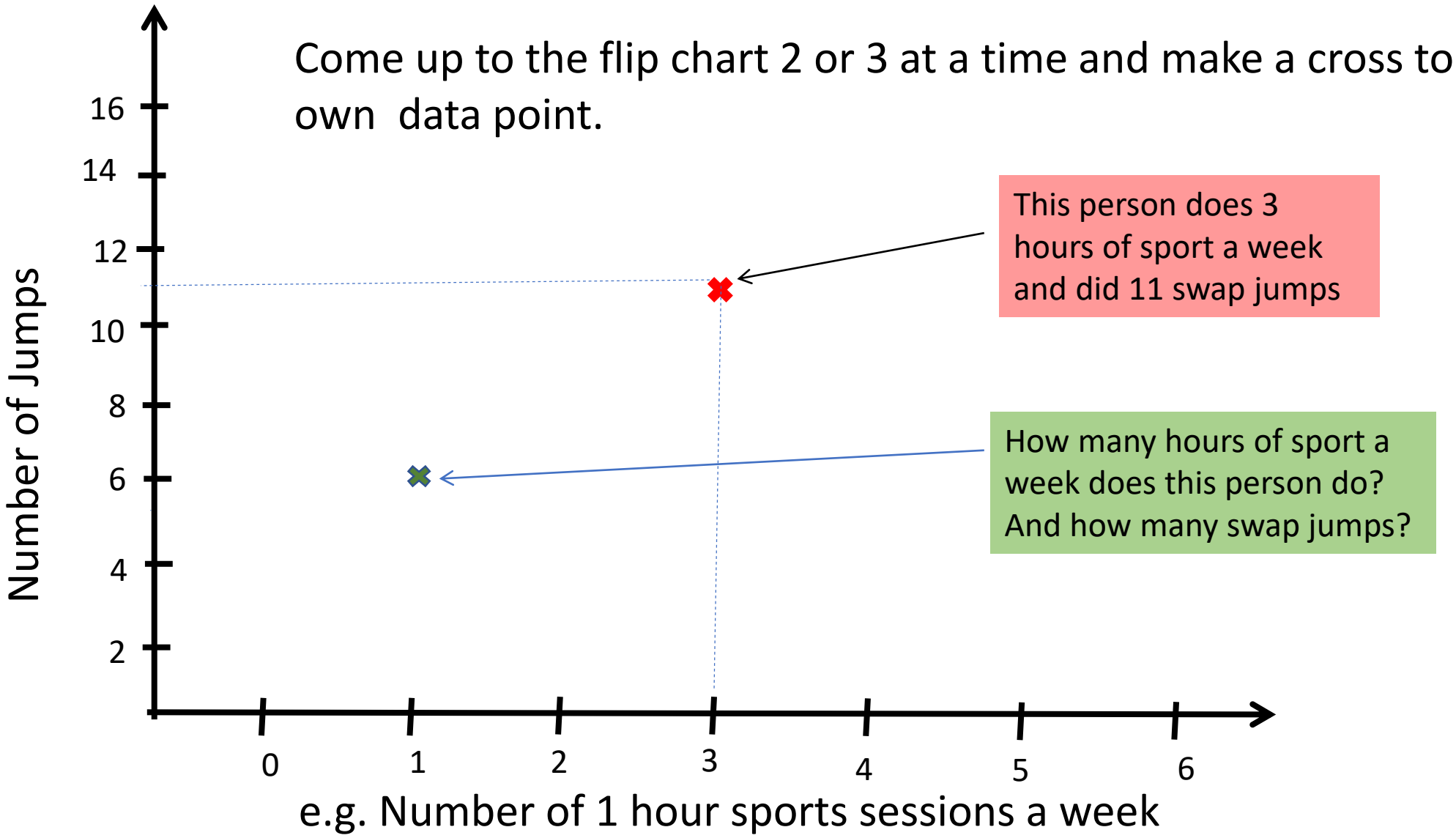
Write key information on your whiteboards!

A Scattergram can help us to look for patterns in data. You need 2 axes, one for each type of data you collected. Draw a pair of axes on your flip chart. Label the vertical axis – *Number of Jumps.* Label the horizontal axis with the type of data you collected.

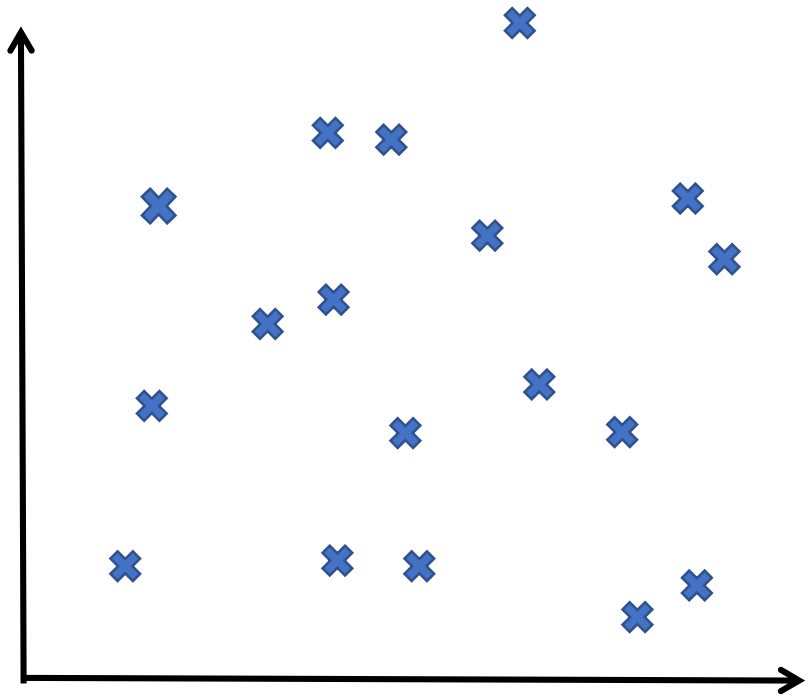


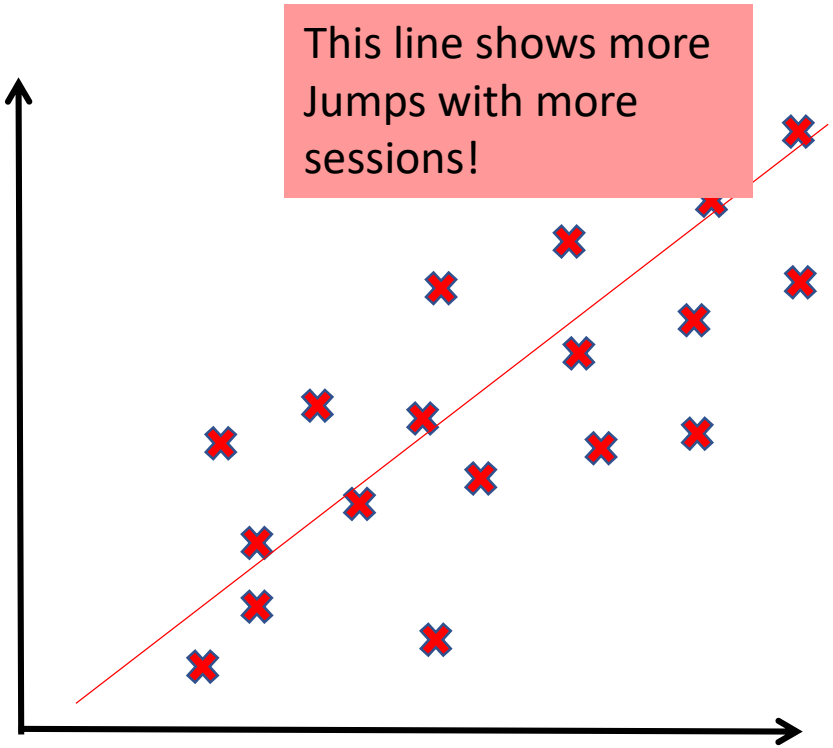
You may need to choose a scale for your vertical axis, this one goes up in 2s.

Come up to the flip chart 2 or 3 at a time and make a cross to show your own data point.



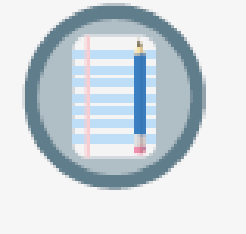
Once everyone has added a cross to the scattergram to show their data point, you can look for a rough pattern.





One of these scattergrams shows no link between the number of swap jumps and the amount of sport done each week, whilst the other shows there is a link. Can you tell which is which?

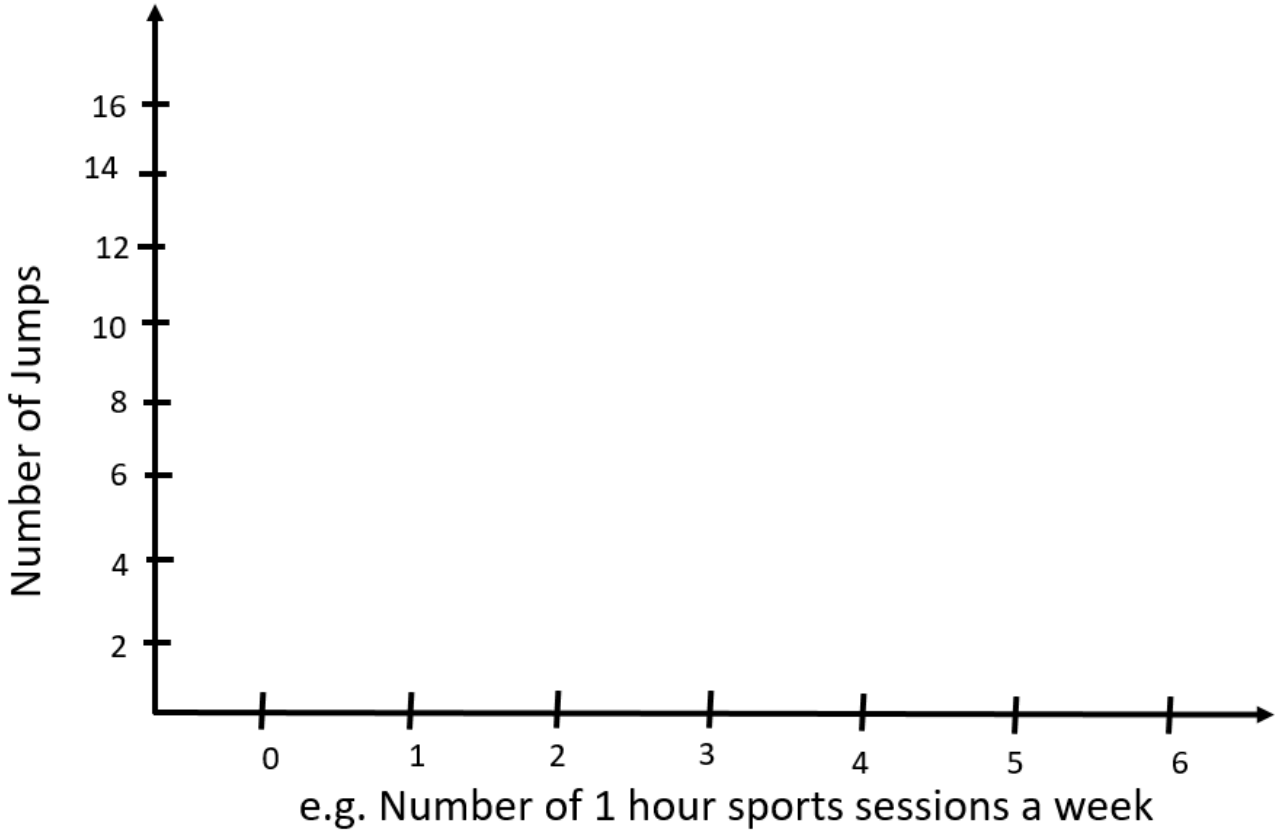
TASK



Investigate the question –*Do some people have stronger muscles because they use them more?*

Display data as a scatter gram and use it to look for a pattern in the data.

Answer the following questions on the next slide



Is there any pattern to your data?

What does this show?

Was your prediction right?

Why might this be?