

Aim: To find out if extra weight on top of one magnet makes it more difficult for another magnet to attract it.

Prediction: Scientific language - magnetism, weight, heavier / lighter, most / least, force, gravity.

Fair test

Choose **3** things from the list that you think are **MOST IMPORTANT** to keep the same.

Choose **1** thing from the list that you will change. (Remember you only change the thing you are testing)

1. The weight on top of the magnet
2. Which hand I slide the magnet with
3. The speed at which I slide the magnet
4. The magnets that I use
5. The person who measures with the ruler
6. The surface I have the magnets on

If you can think of anything else to keep the same, then write it down.

Results

Draw a table and a **LINE GRAPH**.

Conclusion

Scientific language - magnetism, weight, heavier / lighter, most / least, force, gravity.

Something extra to think about if you finish ...

I will give you some equipment. You need to think about an investigation of your own that you could make up using the equipment. Make sure it is not one that we have done already.