

Prediction: Scientific language - stretch, pull, push, more / less force and further / shorter distance.

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. Whether I stretch the elastic band (in the middle or near the chair)
2. Which hand I push the car back against the band with
3. The elastic band I use
4. The ruler I use to measure how far the car travels
5. How far back I pull the elastic band
6. The area of the carpet the car travels over

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

Results

Draw a line graph.

Conclusion

Scientific language - stretch, pull, push, more / less force and further / shorter distance.

Something extra to think about if you finish ...

How could you use a similar investigation to investigate different things if you changed something instead of how far you push the band back?

For example, if I tested different floors what could I find out?

How could I use weights to test something different?

What else could I change?