

Iced drinks

Question: Which type of shoe has the best grip?

Your prediction:

Section 1 – Planning

1. What will be the independent variable? (What will you change?)

What will be the dependent variable? (What will you measure?)

What are the control variables?

(What will you keep the same to make it a fair test?)

2. Describe how you will carry out the experiment.

(Name the key equipment you will use and talk about how you will measure your results)

Section 2 – Collecting results

2. Record your results in a table.

Type of drink	Time it takes the ice cube to melt (seconds)

3. **Draw a graph** of your results.

Remember to label your axes and include the correct units.



Section 3- Conclusions

4a. In which drink did the iced cube melt the fastest?

4b. **Data analysis.** Using your results, can you compare how long it took the ice cubes to melt in the different drinks?



