

# Shadow height investigation planner

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Other members of your team \_\_\_\_\_

What are you going to investigate?

What do you predict will happen? Why?

Can you write it as a question?

Give scientific explanations for your prediction

**To make this a fair test what things (variables) are you going to:**

Change?

Measure?

Keep the same?

Change only one thing

What would the change affect?

Which variables will you control?

Describe how you will set up your investigation?

What equipment will you need?

Use drawings if necessary

Use dot points

**Write and draw your observations in your science journal**

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## Recording and presenting results

Record your results in a table.

Distance from torch to glue stick (cm)	Height of shadow (cm)
5	
10	
15	
20	
25	
30	

Present your results in a column graph.

Graph title: \_\_\_\_\_

