

Name _____ Class _____ Date _____

Your teacher may watch to see if you can:

- follow instructions carefully.

Aim

To find out if rotten bananas produce flies.

Hypothesis

1 Read the method below. What hypothesis are you going to test with this experiment?

Prediction


2 Make a prediction using your hypothesis.

Method

Apparatus

• peel from a brown banana	• 2 jars or beakers	• 2 sheets of gauze
• 2 elastic bands	• trapped flies	• labels

- A** Peel a brown banana, and place half the peel into each of two jars.
- B** Immediately place a piece of gauze over one jar and secure it with an elastic band. Put a label on this jar reading, 'No flies added'. Add your name to the label.
- C** Stand the other jar outside for a few hours. When there are some small flies inside the jar, secure a piece of gauze over the top using an elastic band. Or, add flies that have already been trapped. Put a label on this jar reading 'Flies added'. Add your name to the label.
- D** Observe the jars for two weeks.

 Wash your hands after setting up your apparatus.



Recording your results

3 What happened in the two jars?

Considering your results/Conclusions

4 a Does your data match your prediction? _____

b If not, say how they differ. _____

5 Does your evidence support your hypothesis? _____

6 Explain why you saw the results that you did. _____

I can...

- write a hypothesis
- write a prediction
- use evidence to draw a conclusion.