

Melting investigation planner

Name: _____ Date: _____

Other members of your team: _____

<p>What are you going to investigate?</p> <p>What happens to _____ _____ when we change _____?</p>	<p>What do you think will happen? Explain why.</p>
---	---

To make the test fair, what things (variables) are you going to:

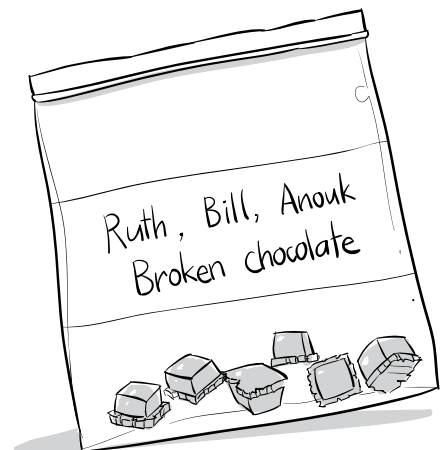
Change?	Measure /Observe?	Keep the same?

What equipment does the team need?

- role wristbands or badges for Director, Manager, Speaker
- each team member's science journal
- _____g of the full piece of chocolate
- _____g of the broken chocolate
- 2 plastic resealable bags
- pen
- access to a warm place or heat source

What will the team do?

- 1 Break one piece of chocolate into many smaller pieces.
- 2 Draw each piece of chocolate on recording results section of the planner.
- 3 Write which chocolate you will put in the bag.
- 4 Put the chocolate in the labelled bags.
- 5 Put the bags in a warm place.
- 6 Check the bags every 10 minutes.
- 7 Record how long it takes for each chocolate to melt.



Melting investigation planner

Recording results

Draw the full piece of chocolate:

Draw the broken pieces of chocolate:

It took _____ minutes to melt.

It took _____ minutes to melt.

Displaying results Present your results in a graph

Title of graph: _____

Number of minutes

Full piece of chocolate

Broken up chocolate

Discussing results What did our whole class find?

Question: What happens to the melting time when we change the size of the pieces of the chocolate?

Claim: _____

Evidence: _____
