

Keeping it warm investigation planner

Name: _____ Date: _____

Other members of your team: _____

<p>Question for investigation.</p>	<p>What do you think will happen? Why?</p>
------------------------------------	--

Things (variables) you are going to:

<p>Change?</p>	<p>Measure/Observe?</p>	<p>Keep the same?</p>
----------------	-------------------------	-----------------------

<p>How will you make this a fair test?</p>	<p>Draw the equipment you will use and show how it will be set up.</p>
--	--

Write and draw your observations in your science journal.

Recording and presenting results

Record your teams' results in a table.

The temperature of the water over time			
Time since the water was added (mins)	Temperature of water in container 1 (°C)	Temperature of water in container 2 (°C)	Temperature of water in container 3 (°C)

Present your results in a graph.

Temperatures recorded _____ mins after water was added.

Temperature of the water (°C)

Type of material

Explaining results

Name: _____ Date: _____

When you changed the material what happened to the temperature of the water?

Which material kept the water warmest?

Which material let the water cool down the most?

Evaluating the investigation

What challenges did you experience doing this investigation?

How did you, or could you, overcome them?

How could you improve this investigation (fairness, accuracy)?