

KEY STAGE: 1

AT/SC: 3

TITLE: Where will an ice cube/chocolate bar melt faster?

Programme of Study:

3.2b To describe the way some everyday materials change when they are heated or cooled.

Points to consider:

Could also use ice balloons. Fill balloons with water, they take 2 days + to freeze.

Possible AT1 teaching focus:	Comments:
<ul style="list-style-type: none">• <u>Planning</u><ul style="list-style-type: none">Asking questionsPredictingFair TestingChoosing equipment• <u>Obtaining Evidence</u><ul style="list-style-type: none">Using tablesUsing equipmentObserving and sortingRepeating readings• <u>Considering evidence</u><ul style="list-style-type: none">Using graphsDrawing conclusionsInterpretingUsing science• <u>Evaluating</u><ul style="list-style-type: none">Sufficient evidence?Consider anomaliesConsider improvements	<p>Most pupils can contribute to a brainstorm. Make a list of variables, eg place, time, size of ice cube, in water/out of water.</p> <p>Choose one variable to measure, one to change and keep the rest the same to model fair testing.</p> <p>Try to predict using everyday knowledge.</p>