# *Is there too much air in chip packets?* Digital content

### Units of work

PrimaryConnections. 2011. Melting Moments Year 3 Chemical Sciences, Australian Academy of Sciences: Canberra, ACT. Available on Scootle <http://www.scootle.edu.au/ec/viewing/S5687/index.html>

The activities in this resource could be used alongside the activities in this CLE, to assist student conceptual understanding.

Activities in the ‘Melting moments’ unit include:

* identifying different objects as solid,
* observations of everyday objects which melt,
* an investigation into whether all liquids will freeze if placed in a freezer,
* an investigation of the approximate temperature required for different everyday liquids to become solid,
* an investigation into how size affects melting rate.

### Texts

These online texts explain why it is harder to get salt water to freeze.

Wonder of the Day **#833** Does Salt Water Freeze? <http://wonderopolis.org/wonder/does-salt-water-freeze>

### Information for teachers

For more background information about classifying different states of matter see:

‘Problems with Classifying Solids, Liquids and Gases’, Victoria State Government Education and Training website**,** <http://www.education.vic.gov.au/school/teachers/teachingresources/discipline/science/continuum/Pages/classifying.aspx> (April 2014)

### Interactive

‘Solids and Liquids’, BBC Science clips, <http://www.bbc.co.uk/schools/scienceclips/ages/8_9/solid_liquids.shtml>

This interactive teaches what happens when different substances are heated and cooled. It shows that different materials change state at different temperatures.

**Note: This interactive requires a Flash player and therefore won’t work on an Apple iPad.**