

Model Answers

Worksheet 2.3A

Linking words and meanings

When a liquid changes to a gas = evaporation

When a solid changes to a liquid = melting

When a gas changes to a liquid = condensation

When a liquid changes to a solid = freezing

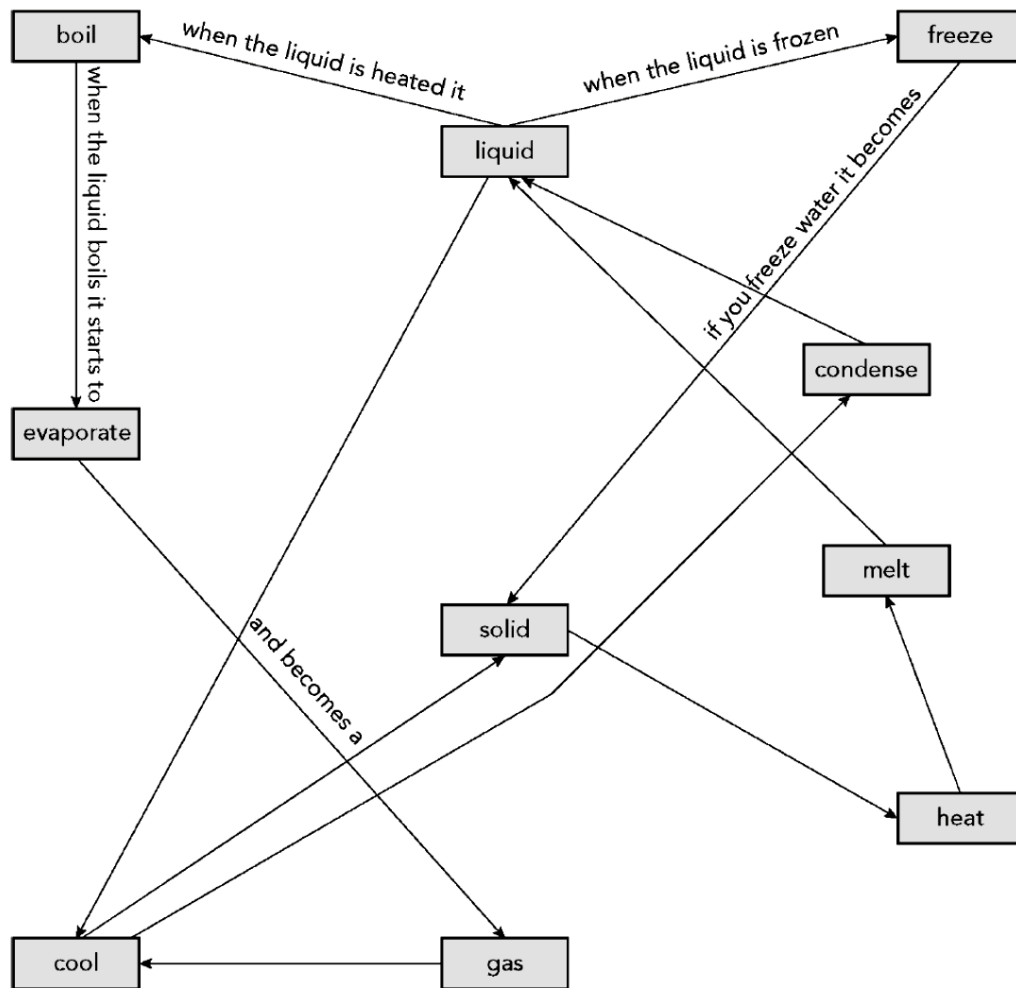
Worksheet 2.3B

Making links

- 1 For answers to this question, accept any relevant link between the two items. For example:
 - a A liquid can change state and become a gas if it is heated.
 - b When a solid is heated until it melts, it changes state and becomes a liquid.
 - c When a liquid is heated until it evaporates, it changes state to become a gas.
 - d When a solid is heated the particles vibrate more and more.
 - e The particles in a solid are arranged in fixed positions in regular rows, so they cannot change places.
- 2
 - a To change from a gas to a liquid.
 - b When a solid changes to a liquid or a liquid to a gas or a solid or vice versa.
 - c The properties of a substance are its qualities and the ways in which it behaves.
 - d A vacuum is a place that contains no particles.

Worksheet 2.3C

Linking ideas



Each label line should have an appropriate written statement along it such as:

- When the liquid is heated it boils.
- When the liquid boils it starts to evaporate and becomes a gas.
- When a liquid is frozen it becomes a solid.

There are many different ways of making the links.