



LKS2

Science  
States of Matter



### Key Vocabulary

Reversible

Irreversible

Liquids

Solids

Gases

Condensation

Evaporation

Melting

### Forest School

Change the states of materials using the campfire.



### Therapy (SALT/OT)

Children to explore a variety of textures.

Using PODD book or a comms board for SOM sessions

### Pattern seeking

- To understand reversible and irreversible changes.

### Fair testing

- To create their own question for an experiment to show what happens when things melt/freeze.

### Observation over time

- To record observations when looking at materials changing state; moving onto recording findings using standard units of measurement.

### Identifying and Classifying

- To differentiate between solids, liquids and gasses; including giving reasons why they have classified an object as a state.

### Research/ Secondary sources

- To research examples of reversible/irreversible changes.

### Websites or Apps



Bitesize



Maddie's Do you know?



Science Museum Group

STEM resources



### Outcomes (Working Scientifically DFE document)

- Make predictions based on scientific ideas: What will happen to a material when heated/froze?
- Record their findings about SOM in a variety of ways.
- To use simple Scientific evidence to answer their own questions.