



Pre KS1

Science

States of Matter



### Key Vocabulary

Float

Sink

Freezer

Oven

Solid

Liquid

### Pattern seeking

- To experience and explore different materials (solids, liquids, and gasses).

### Fair testing

- To complete simple tests that look at the properties of different materials, e.g, float/sink, hot cold.
- To simply test which materials can change states and how they can change e.g. water to ice.

### Observation over time

- To observe materials changing state e.g. water to ice.
- To be able to simply comment on a material that has changed state.

### Identifying and Classifying

- To explore materials in different states and sort materials into liquids and solids.

### Research/ Secondary sources

- To watch videos of different States of Matter (Fireworks, waterfalls etc.) and watch videos showing different weathers.

### Forest School

Campfire activities



### Therapy (SALT/OT)

Handling and picking up different objects

Using PODD book or a comms board for rocks sessions.



### Websites or Apps

Bitesize



Maddie's Do you know?



Science Museum Group

STEM resources



### Outcomes (Working Scientifically)

- To explore and identify different States of Matter.
- To follow simple tests about States of Matter.
- To sort different materials when there are obvious differences (Hot/cold solid/liquid)