States of Matter

- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)

- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Useful Websites

https://www.stem.org.uk/resources/community/collection/12345/year-4-states-matter

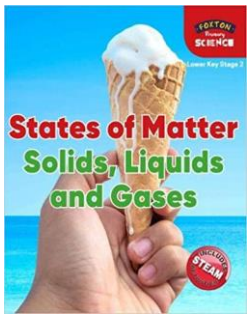
https://www.theschoolrun.com/what-are-states-of-matter#:~:text=Depending%20on%20its%20temperature%2C%20matter,which%20a%20material%20changes%20state.

https://www.bbc.co.uk/bitesize/topics/zkgg87h

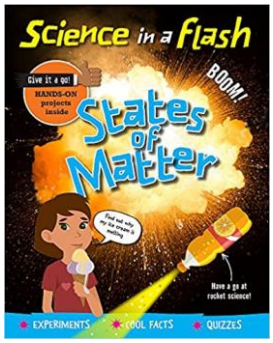
https://www.bbc.co.uk/bitesize/topics/zkgg87h/articles/zsgwwxs

Useful Books

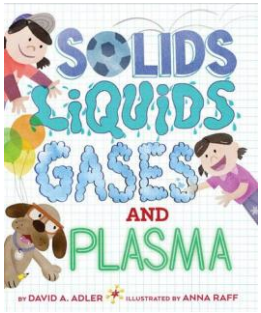
"States of Matter: Solids, Liquids and Gases" by Nichola Tyrell



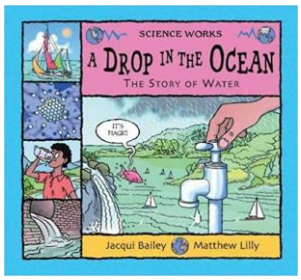
"States of Matter (Science in a Flash)" by Georgia Amson-Bradshaw



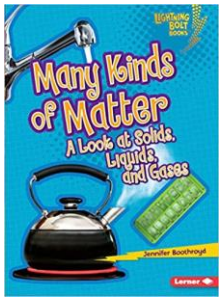
“Solids, Liquids, Gases, and Plasma” by David Adler



“A Drop in the Ocean” by Jacqui Bailey



“Many Kinds of Matter: A Look at Solids, Liquids, and Gases” by Jennifer Boothroyd



<u>Educational Visits</u>

- Centre for Life
- Discovery Museum
- Kielder Water
- Stephenson Steam Railway