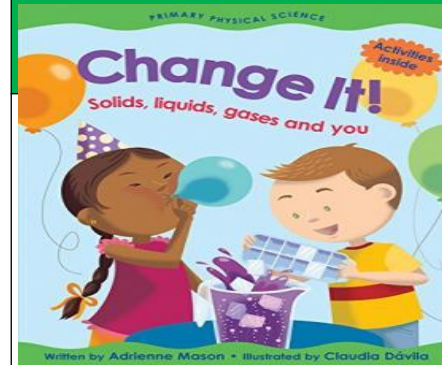


# Big Question: Can some matters change between all states?

# States of MATTER



## Exciting Books



- |      |   |
|------|---|
| LQ1  | Can you have a sort out?                                  |
| LQ 2 | Can you create a dance to represent the states of matter? |
| LQ 3 | Can you recognise a matter in all three states?           |

LQ 4 Does all chocolate melt at the same temperature?

LQ 5 Where do puddles on the playground disappear to?

LQ 6 Can you alter a solid but it remains a solid?

End Product A recorded dance (from LQ 2.)

Progression Year 2 discuss materials.  
Year 5 look further at it.

Links to topics. Geography (rivers) DT building bridges.

Character Curriculum. Communication

## Sticky Knowledge about States of Matter.

- I know the three forms that water exists in: liquid (water) ice (solid) and vapour (gas.)
- These change due to temperature.
- Absorbent materials soak up liquid because they have air holes.
- The particles in a solid are closer together.
- I know that if a change is irreversible, you can't change it back to its original state.
- Heating water causes it to evaporate into a gas called water vapour.
- Chocolates melting point is different depending on cocoa content.
- I can label the water cycle. (3 marks)

## Vocabulary

Reversible, represent, state, Irreversible, Rigid, fluid, flow, pour, state, immerse, viscosity, friction, particles, solid, evaporate, vapour.

