

SCIENCE VOCABULARY

SOLID
LIQUID
STATE
MATTER
EVIDENCE
GAS
PARTICLE
FREEZING
SOLIDIFYING
MELTING
EVAPORATING

PROJECTS TO DO AT HOME
FIND OUT THE BOILING AND FREEZING TEMPERATURE OF



STATES OF MATTER, YEAR 4, AUTUMN TERM



KEY SCIENCE KNOWLEDGE

SOLID – FIRM AND STABLE IN SHAPE; NOT LIQUID OR GAS.
LIQUID— A SUBSTANCE THAT FLOWS FREELY HAVING A CONSISTENCY LIKE THAT OF WATER OR OIL.
GAS – NO FIXED SHAPE (UNLIKE A SOLID) AND NO FIXED VOLUME (UNLIKE A LIQUID)
PARTICLE – A MINUTE (TINY) PORTION OF MATTER
SOLIDIFY – MAKE OR

WHAT I MIGHT ALREADY KNOW

- A SOLID KEEPS ITS SHAPE AND THEY DO NOT FLOW LIKE A LIQUID.
- LIQUIDS CHANGE THEIR SHAPE DEPENDING ON THEIR CONTAINER.
- GASES DO NOT HAVE A FIXED SHAPE.

KEY SCIENCE SKILLS

- COMPARE AND GROUP MATERIALS TOGETHER ACCORDING TO WHETHER THEY ARE SOLID, LIQUID OR GAS.
- OBSERVE THAT SOME MATERIALS CHANGE STATE WHEN THEY ARE HEATED OR COOLED.
- MEASURE IN DEGREES C
- IDENTIFY THE PART PLAYED BY EVAPORATION AND CONDENSATION.
- ASSOCIATE THE RATE OF EVAPORATION WITH TEMPERATURE.

MAKE YOUR OWN POSTER!

STATES OF MATTER posters

States of Matter • by _____

