

# Glossary

Talk like a scientist



## Words you already know

Hard

Soft

Rigid

Flexible

Strong

Opaque

Transparent

Translucent

<b>Solid</b>	A substance that is firm and stable in shape
<b>Liquid</b>	A substance that has a constant volume but can flow freely
<b>Gas</b>	A substance that expands freely
<b>Particle</b>	The tiniest portion of matter
<b>Matter</b>	Any substance which takes up space
<b>State</b>	The condition, form or structure of something
<b>Melting</b>	The transition phase when a solid turns to liquid
<b>Freezing</b>	The transition phase when liquid turns to solid
<b>Evaporation</b>	The process of the surface of liquid turning into gas
<b>Condensation</b>	The process of a gas cooling and turning into liquid
<b>Temperature</b>	The quantity of degrees that express hot or cold
<b>Precipitation</b>	Liquid falling from the sky in the form of rain, hail, sleet or snow

## Year 4 – Science

### States of Matter Science Glossary – Home Copy

We are sending home your science glossary so you can share your learning with your family at home.

Take a look at your glossary and see how many words and their definitions you can remember.

Have a look at the BBC Bitesize website to watch videos and quizzes all about States of Matter



### Ice Lolly Challenge!



Can you invent a device to protect an ice lolly and stop it from melting?

The ice lolly absorbs energy from the surrounding environment. Eventually it will absorb sufficient energy to melt into liquid water. The ice lollies need to be insulated to prevent them from absorbing energy and melting.

Keeping an ice lolly cold is about protecting it from the heat in the air. What materials would be best for protecting the ice?

Take a photo of your insulation invention and send it to us on Dojo!