

Nova's Guide to the States of Matter

Join Nova the Owl on a flight through the three states of matter!

- Solids keep their own shape. The particles inside a solid are packed very tightly together.
- Liquids flow and take the shape of their container. They are not as tightly packed as solids.
- Gases float freely and spread out to fill all the space available in a room or a container.
- When a solid gets hot, it can melt and turn into a liquid.
- When a liquid gets very cold, it can freeze and turn into a solid.

Did you know? Did you know? Water is special because it can be all three states! It is a solid as ice, a liquid as water, and a gas as invisible steam.

Key vocabulary: Solid · Liquid · Gas · Particles · Melt · Freeze