

Solids, liquids and gases

materials

What you need: wooden or building blocks (station trays) · clear plastic cups (station water set-ups) · jug of water (station) · dry sand in a shallow tray · small cup for pouring sand · clear sealable bags puffed with air and sealed (station) · wooden or building block (sort kit) · clear plastic cup of water (sort kit) · small stone (sort kit) · small sealed bottle or pot of cooking oil (sort kit) · ice cube card or late-fetched ice cube (sort kit) · clear sealable bag puffed with air and sealed (sort kit) · sorting trays or mats labelled Solid, Liquid, Gas · party balloon picture card (gas inside) · Investigation Journal page

Words to use

Solid · Liquid · Gas

Words to sort

wooden block · water · stone · cooking oil · ice cube (real only if fetched now, otherwise card) · air in a sealed bag

Sort each item into solid, liquid or gas using the three behaviour tests

solid	liquid	gas

Does it hold its shape when you leave it alone?

Does it pour from one container to another?

Does it fill the whole space of its container?