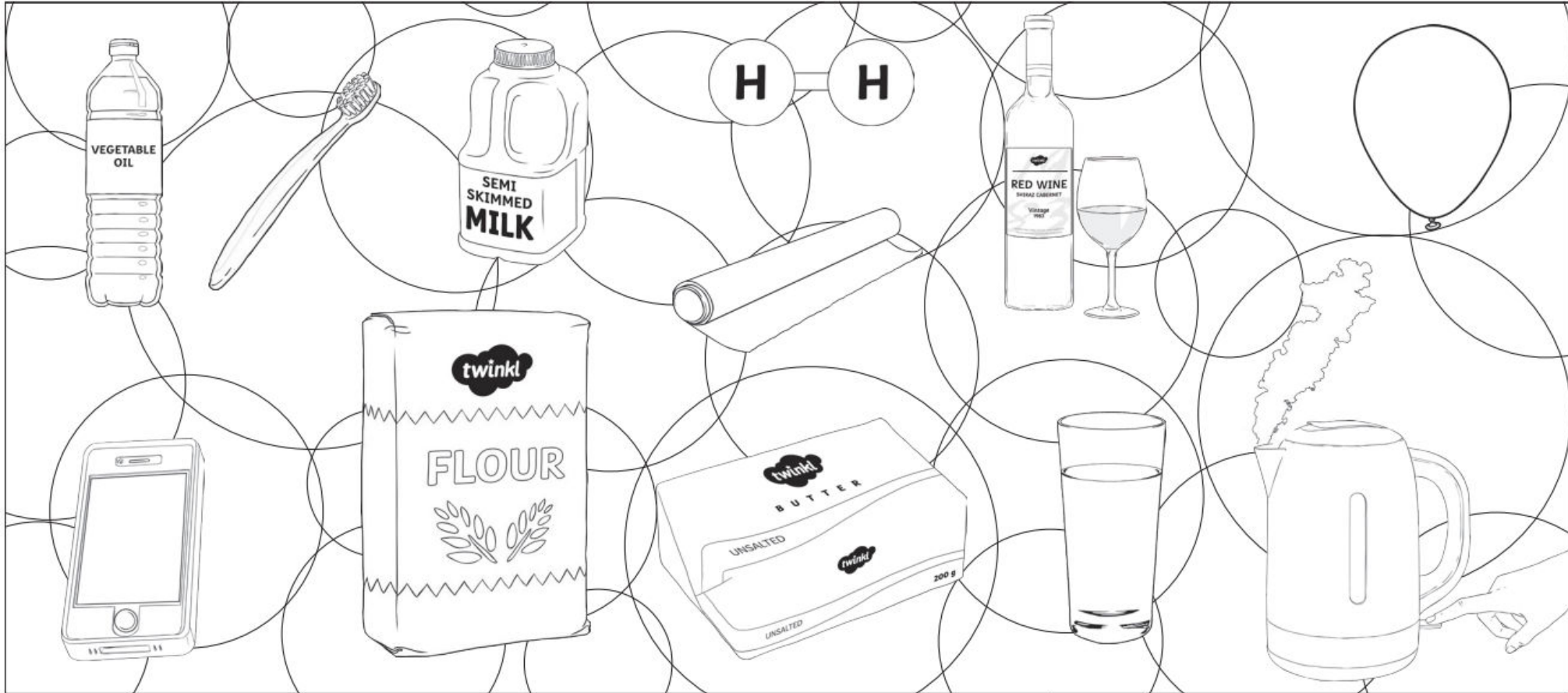


# Solids, Liquids and Gases Colouring Activity



H H

solid - purple

liquid - blue

gas - green

# Solids, Liquids, and Gas

m f i k t f h e a t r r o w  
e s r c m l o t w f f d i s  
l b q o c s y l i q u i d s  
t u q n n q n u e g z c o n  
a c e d j h a r d w e e a x  
l d v e h g q x a j k y c p  
r w d n l u r w c t i m t i  
a b f s k e v a p o r a t e  
l x c a h w s t e g l f i b  
h a p t n b a e d a h a g v  
s o l i d s m r y s n z e n  
j n r o u g h b t v i a s  
m b g n i k p d x j m k a y  
e o z j s z c v h p a r t s

solids

liquids

gas

condensation

hard

rough

melt

evaporate

ice

water

parts

heat

# Solids, Liquids and Gases

W K Y A L E F T I C E C  
C O N D E N S A T I O N  
U Y U N S R V U C P M T  
P S P O E F A M G O R I  
U G R T L Q P E Z A V N  
D Y A C C X O L E I S G  
D W S K I Z U T N N Z V  
L N O I T A R O P A V E  
E W L B R L I Q U I D H  
Y P I M A V O D U L E Z  
K P D Y P A Q S P A N S  
I E U G V G T C T E O K

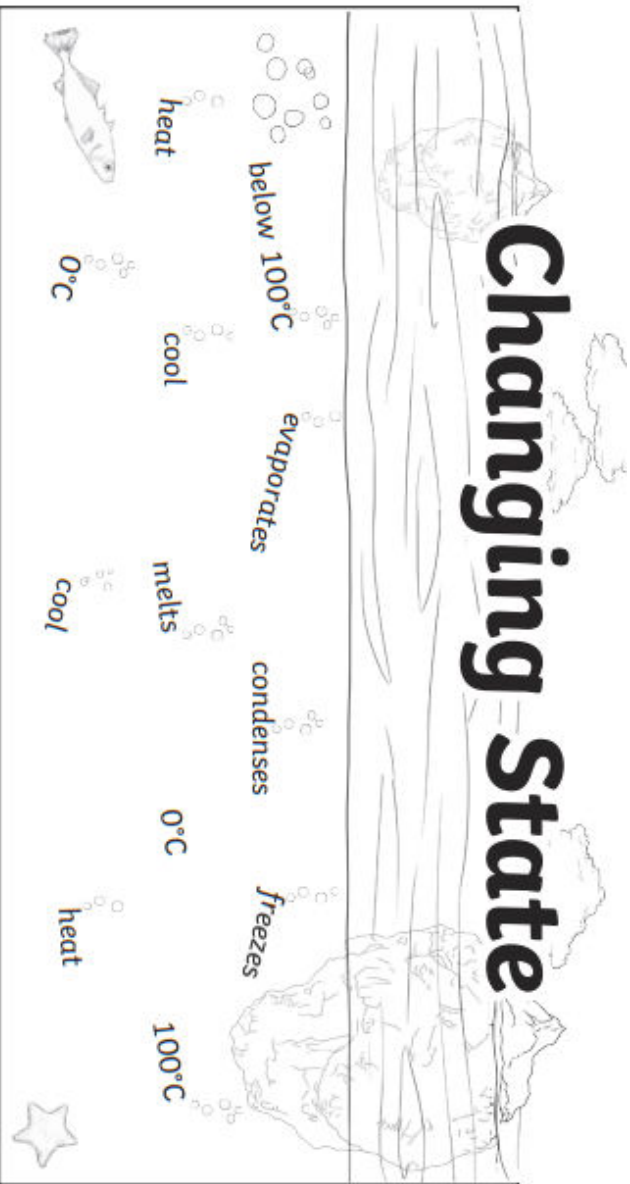
solid  
liquid  
gas  
condensation

evaporation  
puddle  
melt  
vapour

ice  
water  
particles  
heat

Can you fill in the missing words,  
using the word bank below?

# Changing State



Using the words above complete the sentences below.

If you \_\_\_\_\_ water  
to a temperature of \_\_\_\_\_, it  
\_\_\_\_\_ to form  
water vapour.

If you \_\_\_\_\_ water  
vapour to a temperature of  
\_\_\_\_\_, it \_\_\_\_\_  
to form water.

If you \_\_\_\_\_ ice to a  
temperature of \_\_\_\_\_, it  
\_\_\_\_\_ to form water.

If you \_\_\_\_\_ water  
to a temperature of \_\_\_\_\_,  
it \_\_\_\_\_ to form ice.

Sapphires

# States of Matter: Solid, Liquid or Gas

**Across**

2. Materials in this state take the shape of the container they are in. (6)

4. Solids always take up the same amount of this. (5)

5. The particles in a solid are arranged in a regular pattern and they only move by \_\_\_\_\_ (9)

**Down**

1. The name of a solid which is used for making lots of objects such as toys and drinks bottles. (7)

3. All materials are made from these. (9)

6. A \_\_\_\_\_ can spread out and completely fill the container or space it is in. (3)

7. This gas is used to make balloons float. (6)

9. Gases can be \_\_\_\_\_ because their particles are far apart and they have space to move into.

11. What type of liquid is often added to coffee or tea?(4)

8. Liquid can be \_\_\_\_\_ from one container to another. (6)

9. What state are materials in when they keep their shape unless a force is applied to them? (5)

10. The name of the gas which comes out of the kettle when the water boils. (5)

