

Materials and equipment Year 5, unit 1: Solids, liquids and gases

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
box or bag for mystery items	1 per class				
solid, liquid and gas mystery items such as include block of wood, bottle of water, fluffy toy, tennis ball, plasticine, ball of wool and a rubber band	1 of each item per class				
ice cube		1 per student			
ice cube tray		1 per group			
sheet of A3 paper		1 per group			
glue stick		1 per group			
scissors		2–3 pairs per group			
foil pie tray		6 per group			
tea light candle		2 per group			
large wooden clothes peg		1 per group			
stopwatch or timing device		1 per group			
access to a freezer		per class			
a variety of common household liquids such as water, salt water, vinegar, salad dressing, fruit juice, soft drink, tomato sauce, yoghurt and cordial		50 mL each of 4–6 liquids per group			
large, clear container			1 per class		
water			½ of the container		

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
clear drinking glass			1 per class		
tissue			6 per team		
clear plastic cup			1 per team		
bucket or container of water			1 per team		
balloon			2 per team		
string			1 m per team		
a metre ruler			1 per team		
vinegar (optional)			200 mL per team		
bicarbonate soda (optional)			2 tblspn per team		
balloon (optional)			1 per team		
a variety of pressurised cans. Could include: fly spray, hair mousse, hairspray, can of soft drink, olive oil spray.				5–8 examples per class	
syringe				1 per pair	
large container of water				1 per group	
plastic plate					1 per team
hair mousse					1 can per class
jelly crystals					1 tspn per team
jelly					1 tspn per team
salt or sugar					1 tspn per team
Blu-tac® (or similar)					1 cm ball per team
mixing bowl					1 per team

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
cornflour					1 cup per team
water					¼ cup per team
food colouring					4–5 drops per team
spoon					1 per team
plastic resealable storage bag					1 per team