

## Materials and equipment Year 2, unit 3: Mixing things together

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
IWB/ data projector and internet access or downloaded video clips	1 per class	1 per class	1 per class	1 per class	1 per class
wooden and plastic pegs	4 per class				
large box with various objects eg paintbrush, glass jar with metal lid, toy, clipboard, pencil sharpener, item of clothing with zip or buttons or press studs, spiral notebook (or items with a combination of materials) etc	1 per class	1 per class	1 class		
class science journal	1 per class	1 per class	1 per class	1 per class	1 per class
art shirts	1 per student	1 per student	1 per student	1 per student	1 per student
tray or box	1 per group				
various objects (see above) for tray or box	6 objects per group of 5 students				
science journal	1 per student	1 per student	1 per student	1 per student	1 per student
object that shows 'combined' materials		1 object			
muesli cereal (or similar with a mix of ingredients)		Handful in a zip lock bag or jar			
ball of coloured playdough, approx. 5 cm diameter		1 ball			
flour (for teacher demonstration)		2 tblsp			
salt (for teacher demonstration)		1 tblsp			
ice-cream container (large is best)		1 per group	1 per group	1 per group	1 per group
plastic cups		6 per group	1 per student		

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
			per binder 1 per student for mixing		
flour		5 tblsp per person per group (2 kg*)			
salt		1½ tblsp per person per group (500 g*)			
cream of tartar		1 tsp per person per group (125 g*)			
oil		1 tsp per person per group (200 mL*)			
warm water		5 tblsp per person per group (2 L*)			
paddle pop sticks		6 per group	6 per group		
measuring spoon – tablespoon		1 per group			
measuring spoon – teaspoon		1 per group			
sheet of A4 paper		3 per group			
damp cloth		1 per group	1 per group		
liquid food colouring		2 colours			
warm water		1 cup per group			
extra flour for kneading playdough		1 cup			



What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
glycerine (optional)		1 tblsp			
assorted things to add to dough (eg peppermint, lemon, vanilla essence; lavender oil; mixed herbs; glitter; glass pebbles; tulle; dried split peas; sequins)		as required			
ochres or chalk or charcoal to show students			samples		
grinding equipment (eg flat stones, mortar and pestle, board and rolling pin)			an example per class		
materials to paint on (eg paper, cloth, bark, wood, cardboard, calico , hessian)			3 per group		
different coloured ground ochre, charcoal or chalk (in cups)			1 tblsp per colour per group		
teaspoon			3 per group		
cotton buds			handful per group		
tissues			handful per group		
newspaper to cover tables or desks			per desk		
cup/jar containing fresh water, labelled			1 per class		
cup/jar containing coconut milk, labelled			1 per class		
cup/jar containing egg yolk lightly beaten, labelled			1 per class		
cup/jar containing egg white lightly beaten, labelled			1 per class		
cup/jar containing honey, labelled			1 per class		
jars same size with lids				2 for teacher demonstration 1 per group	

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
crêpe paper				2 pieces x 5 cm <sup>2</sup>	
tap water in plastic bottle				1 per group	
measuring cup or jug showing 100 ml or a one-third cup				1 for teacher demonstration 1 per group	
different paper and cardboard types				4–6 different types each cut into a 5 cm x 5 cm piece Extra pieces for students to cut into swatches	
plastic tweezers or plastic fork				1 per group	
glue stick				1 per group	
scissors				1 pair per group	
pre-soaked paper or cardboard					enough for class
bucket 9L					2 or 3 per class
electric stick mixers or beaters					1 per responsible adult
extension lead					1 per class
seeds					discretionary
sieve or strainer					3 or 4 per class
fabric/cloth (calico, old sheeting, cleaning cloth)					40 cm x 40 cm piece per pair
shape makers or cutters (eg biscuit cutters, egg					assorted

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cartons, flexible ice-cube trays)					
scented essences (optional)					per class
materials for making gift packaging (optional)					per class

**Amounts marked with \* show the total needed for 25 students – adjust for more or less students.**