

Materials and equipment

Year 7, unit 1: Mixing and separating

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
paddle pop sticks	2 per student		1 per group		
icing sugar	100 g				
jelly crystals	2 packets				
citric acid	20 g				
tartaric acid	20 g				
sandwich bags	3 per student				
bean, rice and flour mixture		1 cup per group			
plastic cups		2 per group	3 per group		
large plastic dinner plates		2 per group			
sieves		1 per group			
newspaper		4–6 sheets per group			
large aluminium pie plate			1 per group		
100 mL measuring cylinder			1 per group		
salt water			100 mL per group		
cardboard box			1 per group		
plastic wrap			enough to cover top of the box		
pebble			1 per group		
packaging or masking tape			1 roll		

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
funnel			1 per group		
paper coffee filter			1 per group		1 per group
teaspoon			1 per group		
water			100 mL per group		
medium sand			1 tspn per group	enough for pot	1.5 cups per group
clear plastic takeaway containers				4 per group	
small black plastic pots				4 per group	
dirty water				1L per group	5L per group
washed gravel				enough for pot	1.5 cups per group
fine sand				enough for pot	1.5 cups per group
2L plastic bottles					3 per group
large beaker					1 per group
Alum (potassium aluminium sulfate)					2 tspns per group
tablespoon					1 per group