

Material world equipment list

EQUIPMENT ITEM	QUANTITIES	LESSON	1	2	3	4	5	6	7	
		SESSION	1	2	1	2	1	2		
Equipment and materials										
apple core	1 per team				•					
bags (eg, calico, thick plastic, paper, thick fabric, thin plastic)	5 per class						•			
box, large	1 per class		•		•					
cardboard, large	2 per class	•								
clothes peg, plastic or wooden	several per team					•				
clothing	1 piece per class	•								
clothing, various articles (eg, large shirt, apron, hat, shawl, skirt)	1 collection per class			•						
containers										
– clear plastic, at least 10cm deep (eg, takeaway food container)	1 per class				•					
– clear plastic, at least 10cm deep (eg, takeaway food container)	1 per team				•					
– metal, identical (eg, tins or cans to hold 200mL warm water)	3 per team								•	
– transparent (eg, clear plastic cup)	1 per class					•				
– transparent (eg, clear plastic cup)	1 per team					•				
elastic bands (include 1 for modelling)	1 per team					•			•	
eye-dropper	1 per class					•				
food colouring (to colour 1 cup of coloured water for each team)	1 per class					•				
funnel, for pouring warm water	1 per class								•	
gloves (a variety of types, eg, wool, rubber, canvas)	1 collection per class		•							
magazines	1 collection per class									•
magnifying glass	1 per team						•			
markers (eg, witches hats, cones)	3 per class			•						

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		SESSION	1	2	1	2	1	2	
Equipment and materials (continued)									
material									
– material sample (eg, newspaper), 3cm x 3cm	1 per class				•				
– material sample (eg, paper, plastic and fabric bags), 3cm x 3cm	3 different types per team				•				
– material samples (eg, of similar thickness from plastic, paper and fabric bags), 1cm x 15cm	4 or more different types per team								
– material samples buried in Lesson 2	Several per team					•			
– material sheets to wrap around each tin, different types of similar thickness (eg, wool, cotton and plastic raincoat)	3 different types per team								•
materials snapshot from Lesson 1, Session 1	1 per class		•		•	•			
measuring cup to hold 200mL of warm water	1 per class								•
paper									
– graph paper, A4 sheet <i>optional</i>	1 per student								•
– newspaper, 1 strip, 1cm x 15cm	1 per class					•			
– tissue, square, 15cm x 15cm	1 per class				•				
pen, permanent marker	1 per team				•				
resource sheets									
– ‘Bags at home’ (RS3), enlarged <i>optional</i>	1 per class		•						
– ‘Bags at home’ (RS3) <i>optional</i>	1 per student		•						
– ‘Carrying dilemma’ (RS6), enlarged	1 per class						•		
– ‘Carrying dilemma’ (RS6)	1 per student						•		
– ‘Glove guide’ (RS1), enlarged	1 per class		•						
– ‘Glove guide’ (RS1)	1 per student		•						
– ‘Information note for families’ (RS2), enlarged <i>optional</i>	1 per class		•						

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Equipment and materials (continued)										
– ‘Information note for families’ (RS2) <i>optional</i>	1 per student			•						
– ‘Keeping it warm investigation planner’ (RS8), enlarged	1 per class									•
– ‘Keeping it warm investigation planner’ (RS8)	1 per student									•
– ‘Leak, soak or repel?’ (RS4), enlarged	1 per class					•				
– ‘Leak, soak or repel?’ (RS4)	1 per student					•				
– ‘Material matters’ (RS9), enlarged	1 per class									•
– ‘Material matters’ (RS9)	1 per student									•
– ‘Puzzling over plastics’ (RS7), enlarged	1 per class								•	
– ‘Puzzling over plastics’ (RS7)	1 per student								•	
– ‘Snap, tear or stretch?’ (RS5), enlarged	1 per class						•			
– ‘Snap, tear or stretch?’ (RS5)	1 per student						•			
self-adhesive notes	several per student		•							
soil, enough to fill a plastic container 10cm deep	1 quantity per team				•					
thermometer	1 per team									•
timing device (eg, a stopwatch or a watch with a second hand)	1 per team									•
tray, to hold samples buried in Lesson 2	1 per team								•	
water										
– coloured (include 1 extra cup for modelling)	1 cup per team					•				
– hot (<50°C)	200mL per class									•
– hot (<50°C)	600mL per team									•
waterproof spray <i>optional</i>	1 can per class					•				

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Teaching tools											
class science journal	1 per class		•	•	•	•	•	•	•	•	•
cooperative learning role badges	1 set per team					•	•	•	•	•	
cooperative learning team roles chart	1 per class					•	•	•	•	•	
cooperative learning team skills chart	1 per class					•	•	•	•	•	
student science journal	1 per student			•	•	•	•	•	•	•	•
word wall	1 per class		•	•	•	•	•	•	•	•	•
Multimedia											
computer <i>optional</i>	1 per class					•					
digital camera <i>optional</i>	1 per class					•					
interactive whiteboard <i>optional</i>	1 per class					•					
printer <i>optional</i>	1 per class					•					
Texts											
Narrative											
<i>Animals Should Definitely Not Wear Clothing</i>	1 per class		•								
Factual											
Texts about plastics	1 per student									•	