

Push-pull equipment list

EQUIPMENT ITEM	QUANTITIES	LESSON	1	2		3	4	5	6	7	8
		SESSION		1	2						
Equipment and materials											
balls, range of different sizes (eg, table tennis balls, small rubber balls, basketballs)	collection per class					•					
containers											
– bucket or medium-sized container filled with water	1 per team					•	•				
– clear plastic tub, large, filled with water	1 per class						•				
– transparent cup	1 per class							•			
– transparent plastic container	1 per class							•			
factual text	collection per class							•			
heavy object with thick string tied around it (eg, 1L plastic bottle filled with water)	1 per team					•					
objects that sink or float from the following range:											
– big and light (eg, polystyrene tray, air-filled ball, empty plastic bottle)	set of 3 per team						•				
– small and light (eg, paper clip, elastic band, cork, bottle top or lid)	set of 3 per team						•				
– big and heavy (eg, metal tools, a rock, a plastic bottle filled with water)	set of 3 per team						•				
– small and heavy (eg, a sinker, nuts and bolts, a ball of plasticine)	set of 3 per team						•				
object that floats (eg, an empty plastic bottle)	1 per class						•				
paper											
– A4 paper	2 sheets per class							•			
– A4 paper	2 sheets per team							•			
– piece of paper approximately 10cm x 15cm (eg, an A4 sheet of paper cut into quarters)	2 per team		•								
– piece of tissue	1 per class							•			
– self-adhesive notes <i>optional</i>	collection per class									•	
– very large sheet of paper or cardboard	1 per class		•								

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		SESSION		1	2						
Equipment and materials (continued)											
paper towel	for whole class					•	•				
plastic bags	2 per team							•			
plasticine	1 ball per team						•				
resource sheets											
– ‘Fantastic forces’ (RS4), enlarged	1 per class								•		
– ‘Fantastic forces’ (RS4)	1 per student								•		
– ‘Paper helicopters’ (RS5)	1 per class									•	
– ‘Paper helicopters’ (RS5)	2 per team									•	
– ‘Push and pull pictures’ (RS1)	2 per team		•								
– ‘Push and pull pictures’ (RS1), enlarged images	1 of each of the 6 images per class										•
– ‘Push-pull pursuit’ (RS2), enlarged	1 per class			•							
– ‘Push-pull pursuit’ (RS2)	1 per student			•							
– ‘Push-pull pursuit’ (RS2), completed	1 per student				•						
– ‘What sinks? What floats?’ (RS3), enlarged	1 per class						•				
– ‘What sinks? What floats?’ (RS3)	2 per team						•				
scissors	1 pair per team									•	
toy, large with wheels	1 per class		•								
toys that demonstrate different types of push and pull movement (see Lesson 1 for examples)	collection per team		•								

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Teaching tools											
class science journal	1 per class		•			•	•	•	•	•	•
'Making things move' class table	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											
digital camera and appropriate software and hardware for printing photos	1 per class									•	