Equipment item		Lesson																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
atlas or globe (optional)	for demonstration															●					
bags, plastic, resealable sandwich	1 per student														●						
bottle, glass, with lid	1 for demonstration				●																
cameras (optional)	for field trip							●													
candle	1 for demonstration																	●			
card or cardboard																					
– for a chart (about 65 x 50 cm)	1–2 per class										●										
– irregular shapes	1 for demo +1 per team			●																	
cards or paper strips (about 10 x 3 cm)	10 or more per team										●										
chalk	1 per class								●												
clipboards	1 per team							●													
	3 per team										●										
clock	for the class															●					
clothes pegs, wooden, spring-type	4 per team																		●		
coat-hanger, wire	1 per team		●																		
containers																					
– for ‘hole in one’ obstacle course	1 per team												●								
– large, to hold soil	1 per team																		●		
– small, clear, waterproof, for testing ‘powders’	10 per team																	●			
– to hold 1 tablespoon of oil	1 per team															●					
– to hold equipment to take outside	1 per team										●										
– to hold sand or salt	1 per team	●																			
– to hold 100 mL of vinegar	1 per team																	●			
– to hold 200 mL of water	1 per team																	●			
– waterproof, for ‘oil slick’	1 for demo + 1 per team															●					
cotton thread (30 cm lengths)	1 per team			●																	
corks (or cork-shaped pieces of polystyrene foam)	1 per team													●							
cups, paper	1 per team	●																			
dustpan and brush	for the class	●																			
egg cartons																					
– (half)	1 per team																	●			
– (pieces about 4 x 2 cm)	1 per team																		●		
eggs, raw	1 per student														●						
elastic bands	1 per team												●								
fishing line, strong (at least 3 metres)	for the class													●							
food colouring (optional)	for each team															●					
forks, metal	2 for demonstration				●																
glue	for each team							●													
– (optional)	for each team	●																			
juice cartons, cardboard (pieces about 4 x 2 cm)	1 per team																		●		
labels, adhesive	1 per student									●											
lettuce (pieces)	1 per team																		●		
magnifying glasses	1 per team																	●	●		
– (optional)	1 per team										●										
marbles	1 per team												●								

Equipment item		Lesson																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
matches	for demonstration																	●			
matchsticks	1 per team												●								
materials																					
– for 'oil spill' investigation (eg, absorbent cloths, plasticine, straws)	see lesson															●					
– for cleaning up after 'oil spill' investigation (eg, detergent, spray cleaner, sponges, paper towels)	for the class															●					
– to build towers (10 units of one type per team, 3-6 types per class, eg, milk cartons, blocks, sheets of newspaper)	10 units per team					●															
– to protect eggs (students to bring from home)	for each student														●						
newspaper	for each team	●			●						●					●		●	●		
nuts, washers or other small weights (about 10 mm diameter, identical size and weight)	12 per team						●														
oil, vegetable	1 tablespoon for demo +																				
	2 tablespoons per team															●					
oranges, apples or potatoes	1/2 per team				●																
overhead projector	1 for the class																	●		●	●
overhead transparencies																					
– of BLM 7.10	1 for the class																	●			
– of BLM 7.11	1 for the class																			●	
– of BLM 7.14	1 for the class																				●
paper																					
– (or card) black (about 15 x 15 cm)	5 per team																	●			
– A4	1 per team					●													●		
– A4	2 or more per team										●										
– for a chart	1 per team							●													
– for a chart	1 per class								●												
– large, coloured or coloured card	1 per team	●																			
– scrap pieces	for each team												●								
paperclips	8 per team		●																		
	1 per team			●									●								
pencils	for each team							●			●										
– 6-sided	1 per team						●														
– sharp, long	1 per team	●																			
pens																					
– felt	1 per team																		●		
– felt	for each team				●																
– felt	1 per student														●						
– felt, different colours	4 per class									●											
– marker	1 per class								●												
– marker	1–2 per class										●										
plasticine																					
– ball (about 4 cm in diameter)	1 per team												●	●							

Equipment item		Lesson																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
plasticine *(continued)*																					
– (marble-sized pieces)	2 per team			●																	
– or Blu-Tack (small pieces)	1 per team						●														
popsticks	1 per team				●																
	7 per team										●										
	10 per team																	●			
potato	1 for demonstration				●																
powders (eg, flour, baking powder, icing sugar,	5 per team +																	●			
talcum powder, cornflour) (1 tablespoon of each)	5 for demonstration																				
rulers	3 per team			●																	
– flat on both sides (about 30 cm long x 4 cm wide)	1 per team						●														
sand, fine (or salt)	about 1/2 cup per team	●																			
scissors	1 per team					●		●													
soil, rich in organic matter	for each team																		●		
spoons																					
– (or popsticks), for digging holes	1 per team																		●		
– teaspoons, stainless steel (or foil patty pans)	5 for demonstration																	●			
sticky tape	for each team		●				●														
– (optional)	for each team			●																	
– or Blu-Tack	for the class										●										
stocking leg (15 cm lengths)	4 per team																		●		
straws, plastic																					
– (or eye-droppers)	1 per team																	●			
– (about 4 cm lengths)	1 per team																		●		
string																					
– 1-metre lengths	2 per team	●																			
– or wool (4-metre lengths)	1 per team										●										
– to hang mobiles	for each team		●																		
toothpicks	1 for demonstration				●																
tray, filled with sand or water	for demonstration																	●			
vinegar	100 mL per team + extra																	●			
water	for the class				●														●		
	for each team																	●	●		
– warm	for the class															●					
wire, stiff (about 20 cm long)	2 per team													●							
wire cutters (or pliers)	for preparation													●							
woodscrews, with standard slot head (about	1 per team													●							
25 mm long)																					
wool (large 8-ply ball)	1 per class									●											