

Appendix 7

Night and day equipment list

EQUIPMENT ITEM	QUANTITIES	LESSON	1	2	3	4	5	5	5	6
		SESSION					1	2	3	
Equipment and materials										
basketball	1 per team			•						
chalk	1 per class				•					
chalk <i>optional</i>	1 per team				•					
images of night and day scenes	1 set per class		•							
labels with 'Sun', 'Earth' and 'Moon'	1 set per class					•				
light source (eg, lamp, torch, data projector or overhead projector)	1 per class					•				
magnetic compass	1 per class				•					
magnetic compass <i>optional</i>	1 per team				•					
objects to represent the Sun, Earth and Moon (eg, basketball, marble, peppercorn)	1 per class			•						
paper, A3	1 per student									•
paper, large sheet for recording shadows	1 per team							•		
pictures, posters, video or internet images of the Sun, Earth and Moon	1 set per class			•						
props to represent the Earth and Sun (eg, different-sized balls or spheres, plasticine, torches)	1 set per team					•				
selection of 'shadow sticks' (eg, rulers, sticks)	1 per class						•			
self-adhesive notes	1 set per class						•			
shadow stick (eg, a stick weighted with a ball of clay or plasticine)	1 per team							•		
T-chart from Lesson 1	1 per class				•					
tennis ball	1 per team			•						
world globe or ball (eg, netball or basketball)	1 per class					•				

EQUIPMENT ITEM	QUANTITIES	LESSON	1	2	3	4	5	5	5	6
		SESSION					1	2	3	
Resource sheets										
'Where's the Sun?' (RS1)	1 per student		•							•
'Where's the Sun?' (RS1), enlarged	1 per class		•							
'The spinning Earth' (RS2)	1 per student					•				
'The spinning Earth' (RS2), enlarged	1 per class					•				
'Shadow stick investigation planner' (RS3)	1 per student						•	•	•	
'Shadow stick investigation planner' (RS3), enlarged	1 per class						•			
Teaching tools										
class science journal	1 per class		•	•	•	•	•	•	•	•
role wristbands or badges for Director, Manager and Speaker	1 set per team			•	•	•	•	•	•	
student science journal	1 per student		•	•	•	•	•	•	•	•
team roles chart	1 per class			•	•	•	•	•	•	
team skills chart	1 per class			•	•	•	•	•	•	
word wall	1 per class		•	•	•	•	•	•	•	•
Multimedia										
digital camera <i>optional</i>	1 per class				•					
digital camera <i>optional</i>	1 per team							•		