

Earthquake explorers equipment list

EQUIPMENT ITEM	QUANTITIES	LESSON	1	2	3	4	5	6	7	
		SESSION			1	2	1	2		
Equipment and materials										
cardboard, several small pieces, 7cm x 4cm approximately	several per team					•				
egg, hard-boiled	1 per team				•	•				
envelope	1 per team			•						
knife	1 per team					•				
magnifying glass <i>optional</i>	1 per class				•					
map of Australia, large	1 per team							•		
markers, coloured overhead	1 per class						•	•		•
paper, 30cm x 1m	1 per class and 3 per team								•	
pen, felt-tipped	1 per class and 1 per team								•	
plasticine										
– 3 sets of 2 pieces, 20cm x 10cm each	3 sets per class				•					
– 10cm x 10cm pieces	2 per student					•				
resource sheets										
– 'Earthquake hits Newcastle: Eyewitness account' (RS1)	1 per student			•						
– 'Question placemat' (RS2), enlarged	1 per student			•						
– 'Richter scale' (RS3), enlarged	1 per class			•						
– 'Modified Mercalli scale' (RS4), enlarged	1 per class			•						
– 'Modified Mercalli scale' (RS4)	1 per team			•						
– 'On the inside' (RS5), enlarged	1 per class					•				
– 'Plates on the move' (RS6), overhead transparency	1 per class						•			
– 'Plates on the move' (RS6)	1 per student						•			

Earthquake explorers equipment list

EQUIPMENT ITEM	QUANTITIES	LESSON	1	2	3	4	5	6	7	
		SESSION			1	2	1	2		
Equipment and materials (continued)										
– ‘Map of continents’ (RS7), overhead transparency	1 per class						•	•		
– ‘Map of the plate boundaries’ (RS8), overhead transparency	1 per class						•			
– ‘Continent formation: 160 million years ago’ (RS9), overhead transparency	1 per class						•			
– ‘Continent formation: 60 million years ago’ (RS10), overhead transparency	1 per class						•			
– ‘Earthquakes around the world’ (RS11)	1 per student							•		
– ‘Earthquake information: October 2008 and November 2008’ (RS12)	1 per student							•		
– ‘Earthquake presentation planner’ (RS13), enlarged	1 per class									•
– ‘Earthquake presentation planner’ (RS13)	1 per student									•
– ‘Quality matrix and Radar chart’ (RS14), enlarged	1 per class									•
– ‘Quality matrix and Radar chart’ (RS14)	1 per student									•
roll of toilet paper	1 per class						•			
ruler, 30cm	1 per class and 1 per team								•	
self-adhesive dots										
– blue	15 per class							•		
– red	15 per class							•		
self-adhesive notes	5 per class						•			
table, small	1 per class and 1 per team								•	
toothpicks	several per team					•				
visual materials (eg, video footage, photos, animations of earthquake damage)	collection per class		•							
wooden blocks, one large or several small	1 set per class				•					

Earthquake explorers equipment list

EQUIPMENT ITEM	QUANTITIES	LESSON	1	2	3	4	5	6	7
		SESSION			1	2	1	2	
Teaching tools									
class science journal	1 per class and 1 per team		•	•	•	•	•	•	•
cooperative learning role badges	1 per team			•	•	•			•
cooperative learning roles chart	1 per team			•	•	•			•
cooperative learning skills chart	1 per class			•	•	•			•
student science journal	1 set per team		•	•	•	•	•	•	•
TWLH chart	1 per team		•	•	•	•	•	•	•
word wall	1 per team		•	•	•	•	•	•	•
Multimedia									
projector, overhead and screen	1 per class						•		
digital camera <i>optional</i>	1 per class				•	•			
video camera <i>optional</i>	1 per class					•			
microscopic camera <i>optional</i>	1 per class				•				