

## Materials and equipment Year 9, unit 2: Plate tectonics

What you will need	Lesson 1	Lesson 2	Lesson 4
3 cm ball of clay or plasticine	1 per group		
3 cm ball of clay or plasticine containing large ball bearing (approx. half the diameter of the ball)	1 per group		
matchstick or bamboo stick	1 per group		
magnet	1 per group		
balance	1 per group		
large tin of golden syrup		1 per class	
500 mL beaker		1 per class	
packet of thin biscuits		1 per class	
bunsen burner		1 per class	
tripod		1 per class	
gauze mat		1 per group	
metal or heavy plastic pan			enough to fill the pan
sand			enough to cover the sand
water			1 per group
smooth brick			1 per group
rubber mallet			per class
2.5 cm x 3 m piece of #40 PVC plastic pipe, cut into two 65 cm lengths and two 85 cm pipes			per class
4 x 2.5 cm #40 PVC 90 degree elbows			per class
2 x 1.25 cm x 90 cm wooden dowels			per class

What you will need	Lesson 1	Lesson 2	Lesson 4
1 piece of plywood 1 cm x 60 cm x 60 cm			per class
4 eyebolts, 0.5 cm x 6 cm with 0.5 cm nuts			per class
4 hex bolts, 0.5 cm x 2.5 cm, with 0.5 cm nuts			per class
4 large rubber bands			per class
1 saw			per class
1 drill with 0.5 cm drill bit			per class
hot glue			per class
styrofoam packing blocks			per class
wood blocks			per class
spongy foam			per class
cardboard			per class
shallow box or pan			per class
marbles			per class
wood dowels or pencils			per class
large sponge			per class