

Materials and equipment

Year 8, unit 3: Cells

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4
A4 paper	1 per student			
ruler	1 per student			
building blocks (eg LEGO®)	for demonstration			
microscope		1 per group	1 per group	1 per group
onion		1 per class		
probe		1 per group		
banana		1 slice per group		
tomato		1 slice per group		
knife		1 per class		
cutting board		1 per class		
iodine in an eye dropper bottle		20 mL per class		
plastic gloves		1 per group		
glass slides		3 per group	1 per group	
forceps		1 per group	1 per group	
<i>Elodea</i> leaves			1 per group	
5 M salt solution			20 mL per class	
newspapers (wanted advertisements)			1 per group	
prepared slides of cells				3 per group
jelly (3D cell)				½ packet per group
liquorice strips (cell membrane 3D cell)				15 cm per group

What you will need	Lesson 1	Lesson 2	Lesson 3	Lesson 4
gum ball (nucleus 3D cell)				1 per group
mini sugar-coated chocolates (ribosomes 3D cell)				¼ packet per group
mint leaves lollies (chloroplasts 3D cell)				3 per group
strawberries and cream lollies (mitochondria 3D cell)				2 per group
jelly snakes (Golgi apparatus 3D cell)				1 per group
chewy sour strips (endoplasmic reticulum 3D cell)				2 per group
clear plastic cup (3D cell)				1 per group