					Learning outcomes		
Date		Lesson no	Homework	Cover/Isolation work	10-HA1	10-HA2	10-HA3
W/B 01/09/2025	Rearranging Formulae	1	Sparx Maths	https://curriculum.unitedlearning.org.uk/Curriculum?r=125553	**10.01** Rearranging formulae, multistep (linear).	**10.01** Rearranging formula multistep (linear)	**10.01** Rearranging formulae multistep(linear)
		2		https://curriculum.unitedlearning.org.uk/Curriculum?r=125554	10.01 Rearranging formulae multistep(linear)	10.01 Rearranging formulae multistep(linear)	10.01 Rearranging formulae multistep(linear)
		3		https://curriculum.unitedlearning.org.uk/Curriculum?r=125555	10.01 Rearranging formulaeinvolving squares, cubes, square and cube roots.	10.01 Rearranging formulaeinvolving squares, cubes, square and cube roots.	10.01 Rearranging formulaeinvolving squares, cubes, square and cube roots.
		4		https://curriculum.unitedlearning.org.uk/Curriculum?r=125556	10.01 Rearranging formulaeinvolving squares, cubes, square and cube roots.	10.01 Rearranging formulaeinvolving squares, cubes, square and cube roots.	10.01 Rearranging formulaeinvolving squares, cubes, square and cube roots.
		5			10.01 Rearranging formulae when the subject is onthe denominator/or negative	10.01 Rearranging formulae when the subject is onthe denominator/or negative	10.01 Rearranging formulae when the subject is onthe denominator/or negative
	Linear Graphs	6			10.01 Rearranging formulae when the subject is onthe denominator/or negative	10.01 Rearranging formulae when the subject is onthe denominator/or negative	10.01 Rearranging formulae when the subject is onthe denominator/or negative
W/B 08/09/2025		1	Sparx Maths		10.01 Rearranging formulae with multiple unknowns	10.01 Rearranging formulae with multiple unknowns	10.01 Rearranging formulae with multiple unknowns
		2			10.01 Rearranging formulae with multiple unknowns	10.01 Rearranging formulae with multiple unknowns	10.01 Rearranging formulae with multiple unknowns
		3			10.01 Solving problems involving rearranging formulae	10.01 Solving problems involving rearranging formulae	10.01 Solving problems involving rearranging formulae
		4			10.01 Solving problems involving rearranging formulae	10.01 Solving problems involving rearranging formulae	10.01 Solving problems involving rearranging formulae
		5		https://curriculum.unitedlearning.org.uk/Curriculum?r=125525	10.02 Plotting straight line graphs in the form y=mx +c and ax+by+c=0	10.02 Plotting straight line graphs in the form y=mx +c and ax+by+c=0	10.02 Plotting straight line graphs in the form y=mx +c and ax+by+c=0
		6			10.02 Plotting straight line graphs in the form y=mx +c and ax+by+c=0	10.02 Plotting straight line graphs in the form y=mx +c and ax+by+c=0	10.02 Plotting straight line graphs in the form y=mx +c and ax+by+c=0
W/B 15/09/2025		1	Sparx Maths	https://curriculum.unitedlearning.org.uk/Curriculum?r=125526	10.02 Identifying the gradient and y intercept from the equation of the line. Finding the equation of a line from the graph.	10.02 Identifying the gradient and y intercept from the equation of the line. Finding the equation of a line from the graph.	10.02 Identifying the gradient and y intercept from the equation of the line. Finding the equation of a line from the graph.
	Simultaneous equations	2			10.02 Identifying the gradient and y intercept from the equation of the line. Finding the equation of a line from the graph.	10.02 Identifying the gradient and y intercept from the equation of the line. Finding the equation of a line from the graph.	10.02 Identifying the gradient and y intercept from the equation of the line. Finding the equation of a line from the graph.
		3		https://curriculum.unitedlearning.org.uk/Curriculum?r=125527			
		4					
		5		https://curriculum.unitedlearning.org.uk/Curriculum?r=125528	10.02 Finding the equation of a line going through two given points.	10.02 Finding the equation of a line going through two given points.	10.02 Finding the equation of a line going through two given points.
		6			10.02 Finding the equation of a line going through two given points.	10.02 Finding the equation of a line going through two given points.	10.02 Finding the equation of a line going through two given points.
W/B 22/09/2025		1	Sparx Maths	https://curriculum.unitedlearning.org.uk/Curriculum?r=125529	10.02 Finding the coordinates of midpoint of a line segmnet.	10.02 Finding the coordinates of midpoint of a line segmnet.	10.02 Finding the coordinates of midpoint of a line segmnet.
		2			10.02 Identifying parallel lines. Finding the equation of a line parallel with a given one going through a given point.	10.02 Identifying parallel lines. Finding the equation of a line parallel with a given one going through a given point.	10.02 Identifying parallel lines. Finding the equation of a line parallel with a given one going through a given point.
		3		https://curriculum.unitedlearning.org.uk/Curriculum?r=132868	10.02 Identifying perpendicular lines. Finding equation of a line perpendicular to a given one going through a given point.	10.02 Identifying perpendicular lines. Finding equation of a line perpendicular to a given one going through a given point.	10.02 Identifying perpendicular lines. Finding equation of a line perpendicular to a given one going through a given point.
		4		https://curriculum.unitedlearning.org.uk/Curriculum?r=125566	10.02 Identifying perpendicular lines. Finding equation of a line perpendicular to a given one going through a given point.	10.02 Identifying perpendicular lines. Finding equation of a line perpendicular to a given one going through a given point.	10.02 Identifying perpendicular lines. Finding equation of a line perpendicular to a given one going through a given point.
		5		https://curriculum.unitedlearning.org.uk/Curriculum?r=125531	10.02 Real-life graphs. Using coversion graphs to solve problems.	10.02 Real-life graphs. Using coversion graphs to solve problems.	10.02 Real-life graphs. Using coversion graphs to solve problems.
		6		https://curriculum.unitedlearning.org.uk/Curriculum?r=125532	10.02 Real-life graphs. Using coversion graphs to solve problems.	10.02 Real-life graphs. Using coversion graphs to solve problems.	10.02 Real-life graphs. Using coversion graphs to solve problems.
W/B 29/09/2025		1	Sparx Maths		Pause	Pause	Pause
		2			Pause	Pause	Pause
		3		https://curriculum.unitedlearning.org.uk/Curriculum?r=125571	10.03 Solving linear simultaneous equations by eliminations (same coefficient)	10.03 Solving linear simultaneous equations by eliminations (same coefficient)	10.03 Solving linear simultaneous equations by eliminations (same coefficient)
		4			10.03 Solving linear simultaneous equations by eliminations (same coefficient)	10.03 Solving linear simultaneous equations by eliminations (same coefficient)	10.03 Solving linear simultaneous equations by eliminations (same coefficient)
		5		https://curriculum.unitedlearning.org.uk/Curriculum?r=125572	10.03 Solving linear simultaneous equations by eliminations (different coefficient)	10.03 Solving linear simultaneous equations by eliminations (different coefficient)	10.03 Solving linear simultaneous equations by eliminations (different coefficient)
		6			10.03 Solving linear simultaneous equations by eliminations (different coefficient)	10.03 Solving linear simultaneous equations by eliminations (different coefficient)	10.03 Solving linear simultaneous equations by eliminations (different coefficient)
W/B 06/10/2025	Volume	v	Sparx Maths	https://curriculum.unitedlearning.org.uk/Curriculum?r=125573	10.03 Solving linear simultaneous equations by substitution.	10.03 Solving linear simultaneous equations by substitution.	10.03 Solving linear simultaneous equations by substitution.
		2			10.03 Solving linear simultaneous equations by substitution.	10.03 Solving linear simultaneous equations by substitution.	10.03 Solving linear simultaneous equations by substitution.
		3		https://curriculum.unitedlearning.org.uk/Curriculum?r=125574	10.03 Solving linear simultaneous equations graphically.	10.03 Solving linear simultaneous equations graphically.	10.03 Solving linear simultaneous equations graphically.
		4			10.03 Solving linear simultaneous equations graphically.	10.03 Solving linear simultaneous equations graphically.	10.03 Solving linear simultaneous equations graphically.
		5		https://curriculum.unitedlearning.org.uk/Curriculum?r=125575	10.03 Simultaneous equations in context.	10.03 Simultaneous equations in context.	10.03 Simultaneous equations in context.
		6			10.03 Simultaneous equations in context.	10.03 Simultaneous equations in context.	10.03 Simultaneous equations in context.
W/B 13/10/2025		1	Sparx Maths	https://curriculum.unitedlearning.org.uk/Curriculum?r=132373	10.04 Finding volume of a cone.	10.04 Finding volume of a cone.	10.04 Finding volume of a cone.
		2			10.04 Given volume of a cone find missing height or radius.	10.04 Given volume of a cone find missing height or radius.	10.04 Given volume of a cone find missing height or radius.
		3		https://curriculum.unitedlearning.org.uk/Curriculum?r=132374	10.04 Finding the volume of a pyramid.	10.04 Finding the volume of a pyramid.	10.04 Finding the volume of a pyramid.
		4			10.04 Given volume of a pyramid find the missing height or side of the base.	10.04 Given volume of a pyramid find the missing height or side of the base.	10.04 Given volume of a pyramid find the missing height or side of the base.
		5		https://curriculum.unitedlearning.org.uk/Curriculum?r=132375	10.04 Find the volume of a frustum(both from cones or pyramids)	10.04 Find the volume of a frustum(both from cones or pyramids)	10.04 Find the volume of a frustum(both from cones or pyramids)
		6			10.04 Given volume of frustum find missing height/side.	10.04 Given volume of frustum find missing height/side	10.04 Given volume of frustum find missing height/side
W/B 20/10/2025		1	Sparx Maths	https://curriculum.unitedlearning.org.uk/Curriculum?r=125580	10.04 Finding the volume of a sphere.	10.04 Finding the volume of a sphere.	10.04 Finding the volume of a sphere.
		2			10.04 Given the volume of a spere find missing radius.	10.04 Given the volume of a spere find missing radius.	10.04 Given the volume of a spere find missing radius.
		3		https://curriculum.unitedlearning.org.uk/Curriculum?r=125581	10.04 Converting between units of volume	10.04 Converting between units of volume.	10.04 Converting between units of volume.
		4			10.04 Exam questions on volume.	10.04 Exam questions on volume.	10.04 Exam questions on volume.
		5			Assessment.	Assessment.	Assessment.
		6			Assessment.	Assessment.	Assessment.
	October Half-term 27/10/25 to 31/10/25		2 Weeks Spare		October Half-term 27/10/25 to 31/10/25		
W/B 03/11/2025	Compound Measures	1			10.05 Calculating speed, distance and time. Include questions where students have to do	10.05 Calculating speed, distance and time. Include questions where students have to do (basic)	10.05 Calculating speed, distance and time. Include questions where students have to do (basic) conversions of time
		2					
		3			10.05 combining speeds. Emphasise that average speed= total distance/total time. Progress to worded exam questions	10.05 combining speeds. Emphasise that average speed= total distance/total time. Progress to worded exam questions	10.05 combining speeds. Emphasise that average speed= total distance/total time. Progress to worded exam questions
		4			10.05 Converting units of speed. Progress to worded 'which is faster' questions	10.05 Converting units of speed. Progress to worded 'which is faster' questions	
		5			10.05 Distance-Time graphs. Basic interpreting (how long did Bob stop for) Calculating speed from the graph. Completing/drawing a	10.05 Distance-Time graphs. Basic interpreting (how long did Bob stop for) Calculating speed from the graph. Completing/drawing a distance-	10.05 Distance-Time graphs. Basic interpreting (how long did Bob stop for) Calculating speed from the graph. Completing/drawing a distance-time graph
		6					