

SUMMER TERM DISCOVERING MATHS 2A YEAR 8 2020-21

TUES 20TH APRIL

Summer term / Week 1	Chapter 9 Angles and Parallel Lines			Workbook 2A Chapter 9 k Chapter 9 introduction video k Chapter 9 online skills test k Chapter 9 end of chapter test and mark scheme k Fully-worked solutions: Chapter 9 in Workbook 2A	
	9.1 Properties of Angles	<ul style="list-style-type: none"> Identify and apply the properties of angles on a straight line, vertically opposite angles and angles at a point 	SP1-4 G5a, 10	Workbook 2A Section 9.1 k Try It! videos 3, 4	1990, 1082

267-274

MON 26TH APRIL

Summer term / Week 2	9.2 Parallel Lines and Angle Properties	<ul style="list-style-type: none"> Identify and apply the properties of corresponding angles, alternate angles and co-interior angles between parallel lines 	SP1-4 G5a, 10, 11	Workbook 2A Section 9.2 k Try It! video 6	1109
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274-283

TUES 4TH MAY

Summer term / Week 3	Chapter 10 Perimeter and Area of Quadrilaterals and Circles			Workbook 2A Chapter 10 k Chapter 10 introduction video k Chapter 10 online skills test k Chapter 10 end of chapter test and mark scheme k Fully-worked solutions: Chapter 10 in Workbook 2A	
	10.1 Perimeter and Area of Parallelograms	<ul style="list-style-type: none"> Calculate the perimeter and area of parallelograms Solve problems involving perimeter and area 	DF7c RM5b SP1-4 G1b	Workbook 2A Section 10.1 k Try It! video 4	1108
	10.2 Perimeter and Area of Trapezia	<ul style="list-style-type: none"> Calculate the perimeter and area of trapezia Solve problems involving perimeter and area 	DF7c RM5b SP1-4 G1b	Workbook 2A Section 10.2 k Try It! video 8	1128

289-303

MON 10TH MAY

Summer term / Week 4	10.3 Circumference and Area of Circles	<ul style="list-style-type: none"> Calculate the circumference and area of circles Solve problems involving circumference and area 	DF7c RM5b SP1-4 G2a, 2b, 7c	Workbook 2A Section 10.3 k Try It! videos 11, 13	1088, 1083
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303-311

MON 17TH MAY

Summer term / Week 5	10.4 Perimeter and Area of Composite Shapes	<ul style="list-style-type: none"> Calculate the perimeter and area of composite shapes Solve problems involving perimeter and area 	DF7c RM5b SP1-4 G2c	Workbook 2A Section 10.4 k Try It! video 17	
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311-315

MON 24TH MAY

Summer term / Week 6	10.5 Conversion of Square Units	<ul style="list-style-type: none"> Convert between square units 	DF7c SP1-4 R1	Workbook 2A Section 10.5 k Try It! video 19	
	Chapter 11 Surface Area and Volume of Prisms and Cylinders			Workbook 2A Chapter 11 k Chapter 11 introduction video k Chapter 11 online skills test k Chapter 11 end of chapter test and mark scheme k Fully-worked solutions: Chapter 11 in Workbook 2A	
	11.1 Nets of Prisms and Cylinders	<ul style="list-style-type: none"> Draw the nets of prisms and cylinders 	DF7c RM5b SP1-4 G15b	Workbook 2A Section 11.1	1078, 1106

315-330

HALF TERM SAT 29TH MAY – SUN 6TH JUNE 330

MON 7TH JUNE

Summer term / Week 7	11.2 Surface Area and Volume of Prisms	<ul style="list-style-type: none"> Find the surface area and volume of prisms Solve problems involving the surface area and volume of prisms 	DF7c RM5b SP1-4 G1d, 15b	Workbook 2A Section 11.2 k Try It! video 6	1107, 1139
	11.3 Surface Area and Volume of Cylinders	<ul style="list-style-type: none"> Find the surface area and volume of cylinders Solve problems involving the surface area and volume of cylinders 	DF7c RM5b SP1-4 G1d, 15b	Workbook 2A Section 11.3 k Try It! video 13	1139, 1138
Summer term / Week 8					

330-346

MON 14TH JUNE

Summer term / Week 8	11.3 Surface Area and Volume of Cylinders	<ul style="list-style-type: none"> Find the surface area and volume of cylinders Solve problems involving the surface area and volume of cylinders 	DF7c RM5b SP1-4 G1d, 15b	Workbook 2A Section 11.3 k Try It! video 13	1139, 1138
Summer term / Week 8	11.4 Conversion of Cubic Units	<ul style="list-style-type: none"> Convert between cubic units 	DF7c SP1-4 R1	Workbook 2A Section 11.4 k Try It! video 14	1329

338-349

MON 21ST JUNE

Summer term / Week 9	Chapter 12 Statistical Graphs			Workbook 2A Chapter 12 k Chapter 12 introduction video k Chapter 12 online skills test k Chapter 12 end of chapter test and mark scheme k Fully-worked solutions: Chapter 12 in Workbook 2A	
	12.1 Pie Charts	<ul style="list-style-type: none"> Read and interpret charts and graphs Represent data using pie charts 	DF7e RM5a, 7 SP1-4 S1a, 2b	Workbook 2A Section 12.1 k Try It! video 2	1207
	12.2 Line Graphs	<ul style="list-style-type: none"> Read and interpret charts and graphs Represent data using line graphs 	DF7e RM5a, 7 SP1-4 S1a	Workbook 2A Section 12.2 k Try It! video 4	6018
10					

355-370

MON 28TH JUNE

Summer term / Week 10	12.2 Line Graphs	<ul style="list-style-type: none"> Read and interpret charts and graphs Represent data using line graphs 	DF7e RM5a, 7 SP1-4 S1a	Workbook 2A Section 12.2 k Try It! video 4	6018
	12.3 Scatter Graphs	<ul style="list-style-type: none"> Represent data using scatter graphs Draw, analyse and interpret scatter graphs Describe types of correlation for a scatter graph Use a line of best fit to estimate data values Identify and explain outliers 	DF7e RM5a, 7 SP1-4 S3	Workbook 2A Section 12.3 k Try It! video 7	1213

362-380

MON 5TH JULY

Summer term / Week 11	Review and assessment: Integrated Examples and Review Exercise 3	DF7c RM5b SP1-4 G1b, 2a, 2c, 5a, 10, 11 S2b, 3	Workbook 2A Review 3 k Fully-worked solutions: Review 3 in Workbook 2A	
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385-394

MON 12TH JULY

Summer term / Week 12	Problems in Real-world Contexts	DF2, 7 RM5, 6 SP1-4 N4a, 4b, 10c G1d		
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394-397

MON 19TH JULY **SAT 24TH JULY** SSUMMER HOLIDAYS START