

DM 8A SOW SPRING TERM

TUES 5TH JAN

Spring term / Week 1	Chapter 5 Ratio			Workbook 2A Chapter 5 Chapter 5 introduction video Chapter 5 online skills test Chapter 5 end of chapter test and mark scheme Fully-worked solutions: Chapter 5 in Workbook 2A	
	5.1 Applications of Ratio	<ul style="list-style-type: none"> Express equivalent ratios involving fractions, decimals and different units of measure Divide a quantity in a given ratio 	DF1, 2, 5, 7a RM6 SP1-4 N1, 4a, 12 R1, 5b, 6, 7 (not to linear functions)	Workbook 2A Section 5.1 Try It! videos 2, 4, 7	1052, 1038, 1404
	5.2 Ratios of Three Quantities	<ul style="list-style-type: none"> Use a ratio to compare three quantities 	DF2 SP1-4 R4, 5a, 5b, 7 (not to linear functions)	Workbook 2A Section 5.2 Try It! video 10	1039

152-165

MON 11TH JAN

Spring term / Week 2	5.3 Map Scales	<ul style="list-style-type: none"> Use map scales to find the actual distance and the distance on a map 	DF2 SP1-4 N1, 12 R1, 2, 5a	Workbook 2A Section 5.3 Try It! video 16	1103
	Chapter 6 Percentages			Workbook 2A Chapter 6 Chapter 6 introduction video Chapter 6 online skills test Chapter 6 end of chapter test and mark scheme Fully-worked solutions: Chapter 6 in Workbook 2A	

165-174

END OF CHAPTER 5 ON LINE TEST

MON 18TH JAN

Spring term / Week 3	6.1 Percentages and Quantities	<ul style="list-style-type: none"> Express one quantity as a percentage of another Compare two quantities by percentage Find percentages greater than 100% 	DF2 SP1-4 N1, 10a, 10c, 10d, 10e, 10f, 11b R8a, 8b	Workbook 2A Section 6.1 Try It! videos 5, 6	1961
	6.2 Reverse Percentages and Value-Added Tax	<ul style="list-style-type: none"> Solve problems involving percentages including reverse percentage problems 	DF2 SP1-4 N1, 10a, 10c, 10d, 10f, 11b R8a, 8b	Workbook 2A Section 6.2 Try It! video 11	5688, 1030, 5689, 1073

179-192

MON 25TH JAN

Spring term / Week 4	6.3 Percentage Change	<ul style="list-style-type: none"> Increase or decrease a quantity by a given percentage Find percentage increases or decreases 	DF2 SP1-4 N1, 10a, 10c, 10d, 11b R8a, 8b	Workbook 2A Section 6.3 Try It! video 16	1302, 1060
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192-197

MON 1ST FEB

Spring term / Week 5	Problem-solving Processes and Heuristics		DF2, 5 RM2, 6 SP1-4 N4a, 4c, 10c R4, 5a, 8a		
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200-208

END OF CHAPTER 6 ON LINE TEST

MON 8TH FEB

Spring term / Week 6	Chapter 7 Algebra			Workbook 2A Chapter 7 k Chapter 7 introduction video k Chapter 7 online skills test k Chapter 7 end of chapter test and mark scheme k Fully-worked solutions: Chapter 7 in Workbook 2A	
	7.1 Simple Algebraic Expressions and their Representation	<ul style="list-style-type: none"> Represent algebraic expressions using algebra discs 	DF7b RM1b SP1-4 A1a, 1b, 1c, 1d, 3, 6a	Workbook 2A Section 7.1	
	7.2 Like Terms and Unlike Terms	<ul style="list-style-type: none"> Recognise like terms and unlike terms and collect like terms in an expression 	DF7b RM1b, 3a SP1-4 A1a, 1b, 1c, 1d, 3, 4a, 6a	Workbook 2A Section 7.2 k Try It! video 3	1179

210-217

SAT 13TH FEB – SUN 21ST FEB HALF TERM

MON 22ND FEB

Spring term / Week 7	7.3 Expansion of Brackets	<ul style="list-style-type: none"> Expand an algebraic expression with brackets 	DF7b RM1b SP1-4 A1a, 1b, 1c, 1d, 1f, 3, 4a, 4b	Workbook 2A Section 7.3	1247
	7.4 Formulating Algebraic Expressions	<ul style="list-style-type: none"> Use algebraic expressions to model real-world situations 	DF7b RM1b SP1-4 A1a, 1b, 1c, 1d, 1e, 3, 6a	Workbook 2A Section 7.4 k Try It! video 10	1158

217-226

MON 1ST MARCH

Spring term / Week 8			3, 6a		
	7.5 Evaluating Algebraic Expressions and Formulae	<ul style="list-style-type: none"> Interpret and evaluate algebraic expressions and formulae 	DF7b RM1b SP1-4 A1a, 1b, 1c, 1d, 1e, 2, 3, 5a	Workbook 2A Section 7.5 k Try It! video 15	1187

226-230







MON 8TH MARCH

Spring term / Week 9	7.6 Patterns, Sequences and Proof	<ul style="list-style-type: none"> Solve problems involving number patterns and sequences Recognise arithmetic and geometric sequences Express the nth term of a sequence in terms of n Prove claims about the values of terms in a sequence 	RM4a, 4b SP1-4 A3, 14a, 14b, 15, 16	Workbook 2A Section 7.6 k Try It! videos 18, 20	1173, 1165, 1920
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230-239

END OF CHAPTER 7 ON LINE TEST

MON 15TH MARCH / 22ND MARCH

Spring term / Week 10	Chapter 8 Equations and Inequalities in One Variable			Workbook 2A Chapter 8  Chapter 8 introduction video  Chapter 8 online skills test  Chapter 8 end of chapter test and mark scheme  Fully-worked solutions: Chapter 8 in Workbook 2A	
	8.1 Equations in One Variable	<ul style="list-style-type: none"> Identify linear equations in one variable Solve linear equations in one variable Apply linear equations to solve problems 	DF4c, 7a, 7b SP1-4 A3, 7	Workbook 2A Section 8.1  Try It! videos 4, 7	1925, 1154, 1182
Spring term / Week 11	8.2 Inequalities in One Variable	<ul style="list-style-type: none"> Identify linear inequalities in one variable 	DF7a SP1-4 N16 A3	Workbook 2A Section 8.2  Try It! video 9	

245-257

MON 29TH MARCH END OF CHAPTER 8 ON LINE TEST

FRI 2ND APRIL-MON 19TH APRIL EASTER HOLIDAYS