

Year 8 Maths Delta Learning Journey 2020-21

Week	Date	Key Constructs	Topics	Assessment
1	07.09.20	Types of number Indices	<ul style="list-style-type: none"> • Prime factor decomposition • Laws of indices • Powers of ten/significant figures 	Unit 1 Factors and Powers
2	14.09.20			
3	21.09.20			
4	28.09.20	Algebraic manipulation	<ul style="list-style-type: none"> • Simplifying expressions • Factorise expressions • Substitution • Solving equations 	Unit 2 Working with powers
5	05.10.20			
6	12.10.20			
7	19.10.20	Equations		
		Substitution and formula		
HALF TERM				
8	02.11.20	Measures and constructions Area Pythagoras	<ul style="list-style-type: none"> • Plans and elevations • Surface area of prisms and cylinders • Pythagoras 	Unit 3 2D and 3D shapes
9	09.11.20			
10	16.11.20			
11	23.11.20	Proportional reasoning Graphs	<ul style="list-style-type: none"> • Direct proportion • Distance time graphs • Misleading graphs 	Unit 4 Real life graphs (not assessed)
12	30.11.20			
13	07.12.20		Revision for End of Term Assessment End of Term assessment, RAP and a Christmas Activity	EOT test Unit 1-4
14 (½ week)	14.12.20			
CHRISTMAS				
15	04.01.21	Coordinates and transformations	<ul style="list-style-type: none"> • Reflection and translation • Rotation • Enlargement • STEM: Combining transformations • 2D shapes and 3D solids 	Unit 5 Transformations
16	11.01.21			
17	18.01.21			
18	25.01.21	Place value and rounding Percentages	<ul style="list-style-type: none"> • Recurring decimals • Using percentage • Percentage change 	Unit 6 Fractions, decimals and percentages
19	01.02.21			
20	08.02.21			
HALF TERM				
21	22.02.21	Measures and Constructions	<ul style="list-style-type: none"> • Accurate drawings • Bisecting lines and angles • Loci 	Unit 7 Construction and loci (not assessed)
22	01.03.21			
23	08.03.21			
24	15.03.21		Revision for End of Term Assessment End of Term assessment, RAP and a Easter Activity or project	EOT test Unit 5-7
25	22.03.21			
26 (½ week)	29.03.21			
EASTER				
27	19.04.21	Probability	<ul style="list-style-type: none"> • Mutually exclusive events • Relative frequency/experimental probability • Probability diagrams 	Unit 8 Probability
28	26.04.21			
29	04.05.21 (BH)	Angles Measures and construction	<ul style="list-style-type: none"> • Maps and scales • Bearings • Scales and ratio • Congruent and similar shapes 	Unit 9 Scale Drawings and Measures
30	10.05.21			
31	17.05.21			
32	24.05.21	Proportional reasoning		
			Revision for EOYE	
HALF TERM				
33	07.06.21		Revision for EOYE EOYE RAP Summer Activity	EOYE
34	14.06.21			
35	21.06.21			
36	28.06.21	Graphs	<ul style="list-style-type: none"> • Plotting linear graphs • The gradient • $Y=mx+c$ • Parallel and perpendicular lines • Inverse functions 	Unit 10 Graphs
37	05.07.21			
38	12.07.21			
39	19.07.21			