



Year 10 – Summer term learning program

Depending on your predicted grade some lessons in this learning plan may be unsuitable.

Students should use the GCSE grade 1 – 9 filters at the top of each subject webpage, to choose the lessons appropriate to their predicted grade.

Grade filter **Off** 1 2 3 4 5 6 7 8 9 KS2 KS3

Lesson Number	Subject – Statistics and probability	Complete	Score
	Topic - Probability		
56	Tree Diagrams Part 1		
57	Tree Diagrams Part 2		
58	Tree Diagrams when Items are not Replaced Part 1		
59	Tree Diagrams when Items are not Replaced Part 2		
60	Tree Diagrams Exam Tip		
	Topic - Venn Diagrams		
44	Introduction to Venn diagrams and key words		
45	Set notation exam style question		
46	Shading Venn Diagrams $A \cap B$ & $A \cup B$		
47	Shading Venn Diagrams $A \cup B$		
48	Shading Venn Diagrams $A \cap B$ & $A \cap B$		
49	Shading Venn Diagrams $(A \cap B)$		
50	Shading Venn diagrams with 3 sets $(A \cap B)$, $(B \cap C)$ plus $(A \cap C)$		
51	Shading Venn diagrams with 3 sets $(A \cap B \cap C)$		
52	Word questions using Venn diagrams (2 sets) - Part 1		
53	Word questions using Venn Diagrams (2 sets) Part 2		
54	Word questions using Venn diagrams involving 3 sets (Part 1)		
55	Word questions using Venn diagrams involving 3 sets - Part 2		
	Topic - Probability		
61	Finding probabilities using Venn diagrams with 2 sets		
62	Finding probabilities using Venn diagrams with 3 sets		
	Topic - Conditional Probability		
63	Conditional probability with 2 sets		
64	Conditional probability with 3 sets		
	Subject - Number, Ratio and proportion		
	Topic - Simple and Compound Interest		
90	Simple interest, non-calculator		
91	Compound interest part 1		
92	Compound interest part 2, using the formula.		
93	Compound interest, depreciation formula, part 1		
94	Compound interest, depreciation formula, part 2		
	Subject - Geometry and measures		
	Topic - Angles		

49	Naming angles		
50	Proving angles on a straight line add to 180		
51	Angles on a straight line		
52	Angles on a straight line - Common Mistake		
53	Angles on a straight line - Exam style question		
54	Proving the angles around a point add up to 360		
55	Angles around a point		
56	Angles around a point - Exam style question		
57	Finding angles in quadrilaterals		
58	Finding angles in a triangle		
59	Introduction to Isosceles triangles & finding the base angles		
60	Finding angles in Isosceles triangles		
61	Finding angles in Isosceles triangles - Exam style question		
62	Introduction to Equilateral triangles		
63	The 4 types of Triangles		
64	Vertically opposite angles		
65	Vertically opposite angles exam question		
66	3 letter angle notation		
	Topic - Angles on Parallel Lines		
67	Alternate angles on parallel lines		
68	Corresponding angles		
69	Co-interior angles		
70	Finding angles on parallel lines exam question		
	Topic - Polygons		
74	Introduction to polygons		
75	Introduction to interior angles and notation		
76	Finding interior angles		
77	Finding external angles		
78	Polygons exam question		
	Topic - Properties of Shapes		
79	Kites		
80	Parallelograms and Rhombuses		
81	Trapeziums		
	Geometry and measures		
	Topic - Area		
5	The formula of the Area of a Parallelogram		
6	Calculating the Area of a Parallelogram		
7	Calculating the Area of a Trapezium		
	Topic - Compound Areas		
8	Calculating Compound Areas		
9	Compound Areas Involving Different Shapes Part 1		
10	Compound Areas Involving Different Shapes Part 2		
11	Compound Area where you're not given all the lengths		
	Topic - Surface Area		
12	Surface area of a cuboid		
13	Surface area of a triangular prism		
	Topic - Circles		

29	Circumference of a circle		
30	Circumference of a circle leaving your answer in terms of Pi		
31	Perimeter of a semi-circle		
33	Area of a circle		
34	Area of a semi-circle		
35	Area of a circle, leaving your answer in terms of Pi		
	Subject - Algebra		
	Topic - Solving Equations Containing Algebraic Fractions (Higher Only)		
170	Solving Linear Equations Containing Algebraic Fractions Part 1		
171	Solving Linear Equations Containing Algebraic Fractions Part 2		
	Subject - Geometry and measures		
	Topic - Bounds		
110	Upper and lower bounds of discrete numbers		
111	Upper and lower bounds of continuous numbers		
112	Calculations with bounds adding bounds		
113	Calculations with bounds subtracting bounds		
114	Calculations with bounds multiplying bounds		
115	Calculations with bounds dividing bounds		