

GRADES 2-5

Each video on Mathswatch can be searched using it's number code.

Each week, watch the 1 minute videos for each topic.

Once you've watched the video and understood the topic, tick the completed box.

If you do not understand it, click on the "Full Version" tab and watch the longer version.

Video Number	Title	Grade	Completed	Week
17	Adding Integers and Decimals	2		25-Sep
18	Subtracting Integers and Decimals	2		
19	Multiplying Integers	2		
20	Dividing Integers	2		
21	Inverse Operations	2		
66	Multiplying Decimals	3		
67	Dividing Decimals	3		
22a	Money Questions - Non-Calculator Questions	2		02-Oct
22b	Money Questions - Calculator Questions	2		
23	Negatives in Real Life	2		
68a	Four Rules of Negatives - Adding and Subtracting	3		
68b	Four Rules of Negatives - Multiplying and Dividing	3		
75	BODMAS/BIDMAS	3		
77	Calculator Questions	3		
24	Introduction to Fractions	2		09-Oct
25	Equivalent Fractions	2		
26	Simplifying Fractions	2		
70	Comparing Fractions	3		
71a	Adding and Subtracting Fractions 1	3		
71b	Adding and Subtracting Fractions 2	3		
27	Half-Way Values	2		
72	Finding a Fraction of an Amount	3		16-Oct
73	Multiplying Fractions	3		
74	Dividing Fractions	3		
84	Decimals and Fractions	3		
85	Fractions, Percentages, Decimals	3		
30	Multiplying and Dividing by Powers of 10	2		
112	Metric conversions	3		
31	Rounding to the Nearest 10, 100, 1000	2		23-Oct
32	Rounding to Decimal places	2		
90	Rounding to Significant Figures	3		
91	Estimating Answers	3		
92	Using Place Value	3		
132	Introduction to Bounds	4		
155	Error Intervals	5		
28	Factors, Multiples and Primes	2		30-Oct
29	Introduction to Powers/Indices	2		
78	Product of Primes	3		
79	Highest Common Factor (HCF)	3		
80	Lowest Common Multiple (LCM)	3		
57	Frequency Trees	2		06-Nov
58	Listing Outcomes	2		
59	Calculating Probabilities	2		
60	Mutually Exclusive Events	2		
125	Experimental Probabilities	3		
126	Possibility Spaces	3		
69	Listing Strategies	3		

61	Two-Way Tables	2	13-Nov
62	Averages and the Range	2	
63	Data - Discrete and Continuous	2	
64	Vertical Line Charts	2	
65	Frequency Tables and Diagrams	2	
128a	Pie Charts	3	20-Nov
128b	Stem and Leaf Diagrams	3	
129	Scatter Diagrams	3	
130a	Averages from a table 1	3	
130b	Averages from a table 2	3	
152	Sampling Populations	4	
176	Stratified sampling	5	27-Nov
38	Introduction to Ratio	2	
39	Using Ratio for Recipe Questions	2	
40	Introduction to Percentages	2	
41	Value for Money	2	
42	Simple Proportion	2	
106	Sharing using Ratio	3	
107	Ratios, Fractions and Graphs	3	04-Dec
86	Percentage of an Amount (Calc.)	3	
87	Percentage of an Amount (Non-Calc.)	3	
88	Change to a Percentage (Calc.)	3	
89	Change to a Percentage (Non-Calc.)	3	
108	Increase/Decrease by a Percentage	3	
109	Percentage Change	3	
110	Reverse Percentage Problems	3	
111	Simple Interest	3	11-Dec
164	Compound Interest and Depreciation	5	
33	Simplifying - Addition and Subtraction	2	
34	Simplifying - Multiplication	2	
35	Simplifying - Division	2	
93	Expanding Brackets	3	
36	Function Machines	2	18-Dec
43	Properties of Solids	2	
44	Nets	2	
51	Plans and Elevations	2	
52	Perimeters	2	
53	Area of a Rectangle	2	
54	Area of a Triangle	2	08-Jan
55	Area of a Parallelogram	2	
56	Area of a Trapezium	2	
114a	Surface Area of a Cuboid	3	
114b	Surface Area of a Triangular Prism	3	
116	Circle Definitions	3	
117	Area of a Circle	3	15-Jan
118	Circumference of a Circle	3	
115	Volume of a Cuboid	3	
119	Volume of a Prism	3	
169	Spheres	5	
170	Pyramids	5	
171	Cones	5	22-Jan
172	Frustums	5	
48	Reflections	2	
49	Rotations	2	
50	Translations	2	
124	Bearings	3	
148	Enlargements	4	22-Jan
165	Loci	5	

45	Angles on a Line and at a Point	2		29-Jan
46a	Measuring Angles	2		
46b	Drawing Angles	2		
47	Drawing a Triangle Using a Protractor	2		
120	Angles and Parallel Lines	3		
121	Angles in a Triangle	3		
113	Problems on Coordinate Axes	3		05-Feb
122	Properties of Special Triangles	3		
123	Angle Sum of Polygons	3		
166	Congruent triangles	5		
167	Sectors of a Circle	5		
37	Generating a Sequence - Term to Term	2		12-Feb
102	Generating a Sequence from the nth Term	3		
103	Finding the nth Term	3		
104	Special Sequences	3		
141	Fibonacci Sequences	4		
163	Geometric Progressions	5		
76	Reciprocals	3		19-Feb
81	Squares, Cubes and Roots	3		
82	Working with Indices	3		
83	Standard Form	3		
131	Index Notation	4		
154	Negative Indices	5		
94	Simple Factorisation	3		19-Feb
134a	Expanding and Simplifying Single Set of Brackets	4		
134b	Expanding and Simplifying Double Set of Brackets	4		
157	Factorising and Solving Quadratics	5		
158	The Difference of Two Squares	5		
95	Substitution	3		26-Feb
96	Straight Line Graphs	3		
97	The Gradient of a Line	3		
98	Drawing Quadratic Graphs	3		
99	Sketching Functions	3		
140	Simultaneous Equations Graphically	4		
159a	Equation of a Straight Line - $y=mx+c$	5		
159b	Equation of a Straight Line - Gradient and Coordinates	5		
100	Solving Equations using Flowcharts	3		
101	Subject of a Formula using Flowcharts	3		
135a	Solving Equations - Balancing	4		05-Mar
135b	Solving Equations - Float & Ping	4		
136	Rearranging Simple Formulae	4		
162	Simultaneous Equations Algebraically	5		
105	Exchanging Money	3		12-Mar
142	Compound Units	4		
143	Distance-Time Graphs	4		
144	Similar Shapes	4		
156	Mathematical Reasoning	5		
151	Simple Tree Diagrams	4		19-Mar
175	Harder Tree Diagrams	5		
127a	Venn Diagrams - Introduction	3		
127b	Venn Diagrams - Notation	3		
153	Time Series	4		
145	Bisecting an Angle	4		26-Mar
146a	Constructing Perpendiculars - Bisecting a Line	4		
146b	Constructing Perpendiculars - From any Point	4		
147	Draw a Triangle Using Compasses	4		
149	Tangents, Arcs, Sectors and Segments	4		

150a	Pythagoras' Theorem - A Simple Approach	4		02-Apr
150b	Pythagoras' Theorem - An Algebraic Approach	4		
150c	Pythagoras' Theorem - Line on a Graph	4		
168	Trigonometry	5		
173	Exact Trigonometric Values	5		
174	Introduction to Vectors	5		
133	Midpoint of a Line on a Graph	4		09-Apr
137	Forming Formulae and Equations	4		
138	Inequalities on a Number Line	4		
139	Solve Linear Inequalities	4		
160	Roots and Turning Points of Quadratics	5		
161	Cubic and Reciprocal Graphs	5		

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There are interactive worksheets for you to complete once you have watched the video so you can test your knowledge. Good luck!