Year 10 Revision List – Foundation Tier

PAPER 1 (Non Calc)	Maths watch	Revised
Time units	6	
Fraction to decimal	84	
Polygons	10	
Equation	100	
Long multiplication	19	
Frequency tree	57	
Simplify fraction from data	26	
Estimation	91	
Price problem	22a	
Divide a decimal by an integer	67	
Multiply fraction by integer	19	
Perimeter problem	52	
Substitute into formula	95	
Formula problem	137	
BIDMAS	75	
2-way table	61	
Prime numbers	78	
Ratio problem	38, 75	
Straight line	96	
Straight line	159	
Algebraic notation	7	
Standard form	83	
Conversion	112	
Conversion formula	112	
Area of circle problem	117	
Percentage problem	87	
Density ratio	107	
Speed ratio	142	
Exterior angle	123	
Equivalent ratios	38	
Mean and range from grouped frequency table	130b	
Product of prime factors	78	
Trig value	173	
Simultaneous equations	162	

PAPER 2 (Calculator)	Maths watch	Revised
Units	142	
Common multiple	28	
Fraction and decimal	84	
Inequality	138	
Calculation	77	
Rounding to 1dp	32	
Pictogram	16	
Pictogram	16	
Sampling	152	
Median	62	
Directions	124	
Bearings	124	
Distance on a map	4	
Bank statement	22	
Fraction greater than 1	73	
Equation	135	
Scatter graph	129	
Criticise method		
Profit	22	
Angles at a point	45	
Convert units	112	
Sequence	102, 104	
Fraction and ration	107	
Percentage	108, 109	
Pay		
Ratio	106	
Probability	125	
Dependent probability	59	
Capacity	142	
Pythagoras	150	
Speed, Distance Time	143	
Proportions	42	
Probability and equation	59	
Quadratic graph	98	
Ordering numbers	2, 3	
Rearrange formula	136	
Trigonometry	168	

Year 10 Revision List – Higher Tier

PAPER 1 (Non Calc)	Maths watch	Revise
Rules of indices	82/131/154/188	
Congruent triangles	166	
Geometric progression	163	
Ratio and fractions	107	
Product of prime factors	78	
Mean & range from grouped data	130	
Fraction problem		
Conversion formula		
Density ratio		
Speed ratio		
Simultaneous equations	140/162	
Percentage problem	108/109/110	
Area of circle problem	117	
Standard form	83	
Inequality	138/139	
Fraction to recurring decimal	177	
Tree diagram	151/175	
Probability	151/175	
Gradient		
Best buy	41	
Cumulative frequency	186	
Equation of a circle	197	
Transformation	48/49/50/148	
Combined transformation	182	
Similar triangles	144	
Velocity-time graph	216	
Surd	207	
Indices	82/131/154/188	
Fraction and algebra problem		
Expand and simplify	93/154	
Equation of tangent	149	
Volume and similarity		
Exact trigonometry and rationalising	173	

PAPER 2 (Calculator)	Maths watch	Revise
Fraction and decimal	84	
Units conversion	142/112	
Midpoint	133	
Linear sequence	102/103	
Dependent probability	175/204	
Product rule for counting		
Quadratic graph	98/211	
Turning point		
Trigonometry	168/173	
Distance-time graph	143	
Probability and equation		
Proportions	42	
Ordering numbers	213	
Angle in semicircle	183	
LCM problem	79/80	
Graph to formula		
Evaluate method		
Validity of an argument		
Box plot	187	
Percentage and ratio		
Venn diagram	185	
Conditional probability	204	
Ratio problem	106/107	
Sine rule	201	
Quadratic formula	191	
Proportion problem	42	
Vector geometry	219	
Histogram	205	
Trigonometry and area	218	
Invariance	199	
Invariance	199	
Inverse function and graph	214	
Composite function and transformation	215	