

COURSE THREE: 2 YEAR COURSE

BLOCK ONE : 7 WEEKS		
Number	Algebra	Geometry 1
<ul style="list-style-type: none"> Significant figures Scientific Notation Add/Subtract/Multiply/Divide Fractions 	<ul style="list-style-type: none"> Solving Equations/Inequalities Functions and Formulae 	<ul style="list-style-type: none"> Gradient of a straight line Equation of a Straight Line Simultaneous Equations
• 2 Weeks	• 2 Weeks	• 3 Weeks
FORMAL EXERCISE 1	FORMAL EXERCISE 2	FORMAL EXERCISE 3
ASSESS EACH STRAND WITH QUIZ BEFORE BLOCK ASSESSMENT		
SUMMATIVE ASSESSMENT 1: W/B 5TH OCTOBER		

BLOCK TWO: 6 WEEKS		
Number	Algebra	Statistics 1
<ul style="list-style-type: none"> Appreciation/Depreciation Compound Interest Percentage Profit/Loss Reversing the Change 	<ul style="list-style-type: none"> Double Brackets (including 3 terms) Changing the subject Surds 	<ul style="list-style-type: none"> Scatter Graphs Line of Best Fit
• 2 Weeks	• 3 Weeks	• 1 Week
FORMAL EXERCISE 4	FORMAL EXERCISE 5	FORMAL EXERCISE 6
ASSESS EACH STRAND WITH QUIZ BEFORE BLOCK ASSESSMENT		
SUMMATIVE ASSESSMENT 2 W/B 30TH NOVEMBER		

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BLOCK THREE : 8 WEEKS		
Algebra	Trigonometry & Pythagoras	Geometry 2
<ul style="list-style-type: none"> • Indices • Factorising Methods <ul style="list-style-type: none"> ○ Common Factor ○ Difference of two squares ○ Trinomials • Algebraic Fractions 	<ul style="list-style-type: none"> • Right- angled Trigonometry • Pythagoras Theorem • Converse of Pythagoras • Pythagoras in the Circle 	<ul style="list-style-type: none"> • Scale Factor • Similar Shapes • Angles in a triangle/Semi Circle • Angles in a Circle; including Tangents & Trigonometry. • Vectors
• 3 Weeks	• 2 Weeks	• 3 Weeks
FORMAL EXERCISE 7	FORMAL EXERCISE 8	FORMAL EXERCISE 9
ASSESS EACH STRAND WITH QUIZ BEFORE BLOCK ASSESSMENT		
SUMMATIVE ASSESSMENT 3: W/B 15TH FEBRUARY		

BLOCK FOUR : 5 WEEKS		
Trigonometry 1	Circle & Area	Statistics 2
<ul style="list-style-type: none"> • Exact Values • Quadrant Practice • Related Angles 	<ul style="list-style-type: none"> • <i>(Area of simple shapes: Revision)</i> • Surface Area • Circle (Arc, Area, Angle) 	<ul style="list-style-type: none"> • Five Figure Summaries • <i>(Boxplots - no longer assessed at N5)</i> • IQR/SIQR • Standard Deviation
• 1 Week	• 2 Weeks	• 2 Weeks
FORMAL EXERCISE 10	FORMAL EXERCISE 11	FORMAL EXERCISE 12
ASSESS EACH STRAND WITH QUIZ BEFORE BLOCK ASSESSMENT		
SUMMATIVE ASSESSMENT 4: W/B 29TH MARCH		

COURSE THREE: 2 YEAR COURSE

BLOCK FIVE: WEEK 8.5 WEEKS		
Quadratics	Volume	Trigonometry 2
<ul style="list-style-type: none"> • Recap Factorising Methods <ul style="list-style-type: none"> ○ Common Factor ○ Difference of two squares ○ Trinomials • Completing the Square • Discriminant • Quadratic Formulae. • Quadratics sketching 	<ul style="list-style-type: none"> • Volume of Prisms • Volume of a Sphere/Hemisphere • Volume of Cone/Cylinder 	<ul style="list-style-type: none"> • Solving trigonometric equations • Trigonometric graphs • Triangle formulae • Trigonometric identities.
<ul style="list-style-type: none"> • 3 Weeks 	<ul style="list-style-type: none"> • 1.5 Weeks 	<ul style="list-style-type: none"> • 4 Weeks
FORMAL EXERCISE 13	FORMAL EXERCISE 14	FORMAL EXERCISE 15
ASSESS EACH STRAND WITH QUIZ BEFORE BLOCK ASSESSMENT		
SUMMATIVE ASSESSMENT 5 : W/B 14TH JUNE		