MATHS GRADE 4/5 – Curriculum Plan

	7 Au	7 Sp	7 Su	8 pt1	8 pt2	8 pt3	9 Au	9 Sp	9 Su	10 Au	10 Sp	10 Su	11 Au	11 Sp	11 Su
Stage	Year 7 Introduction Stage B	Stage B	Stage B	Stage C	Stage C	Stage C & D	Stage D	Stage D	Stage E	Stage E	Stage E & F	Stage F	Stage F	Preselected Stage G topics & Revision	Revision
Knowledge/Skills	7.N1 Place value & rounding 7.N2 Directed number 7.N3 Addition & Subtraction 7.N4 Multiplication & division 7.N5 Factors and prime numbers 7.G1 Area and perimeter 7.R1 Fractions 7.R2 Direct proportion B.N1 Addition & subtraction B.N2 Multiplication & division B.N3 Types of number B.N4 Factors & multiples B.N5 Working with money	B.A1 Expressions B.A2 Equations B.A3 Coordinates B.A4 Sequences B.A5 Function machines B.G1 Angles B.G2 Constructions B.G3 Scales B.G4 Transformations B.G5 Area & perimeter	B.S1 Averages B.S2 Representing data B.S3 Probability B.R1 Fractions & percentages B.R2 Timetables	C.N1 Rounding & estimating C.N2 Fractions C.N3 Powers & roots C.N4 Directed numbers C.N5 Order of operations C.A1 Substitution C.A2 Equations C.A3 Expressions C.A4 Vectors C.A5 Straight lines	C.G1 Angles C.G2 Area & perimeter C.G3 Volume C.G4 2D & 3D Shapes C.G5 Transformations C.S1 Averages C.S2 Representing data C.S3 Probability	C.R1 Fractions & percentages C.R2 Metric units C.R3 Ratios D.N1 Fractions D.N2 Decimals D.N3 Fractions, decimals & percentages	D.A1 Terminology D.A2 Brackets D.A3 Equations D.A4 Substitution D.A5 Linear graphs D.G1 Pythagoras D.G2 Circles D.G3 Area D.G4 Volume & surface area D.G5 Transformations D.G6 Scales drawings	D.S1 Averages D.S2 Representing data D.S3 Probability D.R1 Ratios D.R2 Direct proportion	E.N1 Fractions E.N2 Decimals E.N3 HCF & LCM E.N4 Powers & Roots E.A1 Equations E.A2 Indices E.A3 Brackets E.A4 Sequences	E.G1 Angles E.G2 Plans and elevations E.G3 Constructions E.G4 Transformations E.S1 Averages E.S2 Representing Data	E.R1 Imperial units E.R2 Currency E.R3 Conversion graphs E.R4 Compound measure E.R5 Distance-time graphs F.N1 Laws of indices F.N2 Estimation F.N3 Prime factors F.N4 Bounds	F.A1 Formulae F.A2 Equations F.A4 Inequalities F.A5 Quadratics F.G1 Angles F.G2 Circles F.G3 Volume & surface area F.G4 Midpoints F.G5 Bearings F.G6 Loci	F.S1 Representing data F.S2 Probability F.R1 Percentages F.R2 Ratio and proportion	G.N1 Fractions G.N2 Standard form G.G2 Trigonometry G.G3 Similar shapes G.A1 Quadratics G.R1 Percentages G.S1 Probability	
Assessment	Baseline Assessment & Exit cards Numeracy	Exit cards Numeracy	Exit cards & Stage B Assessment Numeracy Holistic end of year exam	Exit cards Numeracy Holistic paper	Exit cards & Stage C Assessment Numeracy Holistic paper	Exit cards Numeracy Holistic end of year exam	Exit cards Numeracy Holistic paper	Exit cards & Stage D Assessment Numeracy Holistic paper	Exit cards Numeracy Holistic end of year exam	Exit cards Numeracy GCSE Paper 1 (Foundation)	Exit cards & Stage E Assessment Numeracy GCSE Paper 2 (Foundation)	Exit cards Numeracy GCSE Paper 3 (Foundation)	Exit cards & Stage F Assessment Numeracy Start of Yr 11 GCSE Paper (Foundation)	January Mock GCSE Papers (Foundation) Numeracy March Mock GCSE Papers (Foundation)	
Mid-point Progress Path	Knowledge - Learn skills and procedures which underpin stage system. Broad curriculum which allows a brief introduction to those topics seen in subsequent years. Knowledge - Extension material in place for high ability sets to expand concepts further.			Knowledge – recall important information Comprehend – Describe and condense the information taught at this stage. Apply – Use learning in different situations			Knowledge – recall important information Comprehend – Describe and condense the information taught at this stage. Apply – Use learning in different situations			Knowledge – recall important information Comprehend – Describe and condense the information taught at this stage. Apply – Use learning in different situations Analyse – Identify effective and efficient methods			Knowledge – recall important information Comprehend – Describe and condense the information taught at this stage. Apply – Use learning in different situations Analyse – Identify effective and efficient methods Synthesise – Compile links between topics/exam questions		