BitMaths

Year 7

Week	Term 1		Term 2		Term 3		Term 4	
1	**Number and place value** MA4-4NA MA4-9NA	**NA401 The Four Operations** Computation with Integers (ACMNA123)	**Real numbers** MA4-5NA MA4-7NA	**NA406 Adding and Subtracting Fractions** Fractions, Decimals and Percentages (ACMNA153)	**Introduction to algebra** MA4-4NA MA4-8NA	**NA402 Laws of Arithmetic** Computation with Integers (ACMNA151)	**Linear relationships** MA4-11NA MA4-10NA MA4-7NA	**NA433 The Cartesian Plane** Linear Relationships (ACMNA178)
2		**NA403 Adding and Subtracting Integers** Computation with Integers (ACMNA280)		**NA407 Multiplying and Dividing Fractions and Decimals** Fractions, Decimals and Percentages (ACMNA154)		**NA421 Variables in Algebra** Algebraic Techniques 1 (ACMNA175)		**NA431 Solving Simple Linear Equations** Equations (ACMNA179)
3		**NA404 Operations with Integers and Fractions** Computation with Integers (ACMNA183)		**NA413 Finding Percentages** Fractions, Decimals and Percentages (ACMNA158)		**NA422 Applying Laws of Arithmetic to Algebra** Algebraic Techniques 1 (ACMNA177)		**NA420 Travel Graphs** Ratios and Rates (ACMNA180)
		NA427 Index Notation Indices (ACMNA149)		**NA410 Terminating and Recurring Decimals** Fractions, Decimals and Percentages (ACMNA184)		**NA424 Substitution in Algebra** Algebraic Techniques 2 (ACMNA176)		
4		**NA428 Prime Factorisation** Indices (ACMNA149)					**Geometry** MA4-18MG MA4-17MG	**MG420 Defining and Identifying Angles** Angle Relationships (ACMMG163)
5		**NA429 Square and Cube Numbers** Indices (ACMNA150)		**NA412 Rational and Irrational Numbers** Fractions, Decimals and Percentages (ACMNA186) **NA418 Ratios** Ratios and Rates (ACMNA173)		**SP403 Primary and Secondary Data** Data Collection and Representation (ACMSP169)		**MG421 Investigating Parallel Lines** Angle Relationships (ACMMG164)
6	**Fractions, decimals and percentages** MA4-5NA	**NA405 Equivalent Fractions** Fractions, Decimals and Percentages (ACMNA152)	**Perimeter** MA4-12MG	**MG401 Perimeter of Quadrilaterals** Length (ACMMG196)	**Introduction to data** MA4-19SP MA4-20SP	**SP404 Data Displays** Data Collection and Representation (ACMSP170)		**MG413 Classifying Triangles and Quadrilaterals** Properties of Geometrical Figures 1 (ACMMG165)
7		**NA408 Expressing Quantities as Fractions** Fractions, Decimals and Percentages (ACMNA155)		**MG402 Circumference of Circles** Length (ACMMG197)		**SP405 Divided Bar Graphs and Sector Graphs** Data Collection and Representation (ACMSP170)		**MG416 Angle Sums of Triangles and Quadrilaterals** Properties of Geometrical Figures 1 (ACMMG166)
8		**NA411 Converting Between Fractions, Decimals and Percentages** Fractions, Decimals and Percentages (ACMNA157)	**Probability** MA4-21SP	**SP410 Sample Spaces** Probability 1 (ACMSP167) **SP411 Assigning Probabilities** Probability 1 (ACMSP168)		**SP406 Calculating Mean, Median, Mode and Range** Single Variable Data Analysis (ACMSP171)	**Reflections and rotations** MA4-17MG	**MG414 Reflections and Translations** Properties of Geometrical Figures 1 (ACMMG181)
9		**NA409 Rounding Decimals** Fractions, Decimals and Percentages (ACMNA156)				**SP408 Interpreting Data Displays** Single Variable Data Analysis (ACMSP172)		**MG415 Rotations** Properties of Geometrical Figures 1 (ACMMG181)
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Year 8

Week	Term 1		Term 2		Term 3		Term 4	
1	**Index laws** MA4-9NA	**NA430 Index Laws** Indices (ACMNA182)	**Percentage** MA4-5NA MA4-6NA	**NA414 Using Percentages** Fractions, Decimals and Percentages (ACMNA187) **NA415 GST** Financial Mathematics (Stage 4 Financial Mathematics)	**Patterns and algebra** MA4-8NA	**NA425 Expanding Algebraic Expressions** Algebraic Techniques 2 (ACMNA190) **NA426 Factorising Algebraic Expressions** Algebraic Techniques 2 (ACMNA191) **NA423 Simplifying Algebraic Expressions** Algebraic Techniques 1 (ACMNA192)	**Pythagoras' Theorem** MA4-16MG	**MG412 Pythagoras' Theorem** Right-Angled Triangles (Pythagoras) (ACMMG222)
2	**Area and volume** MA4-13MG MA4-14MG	**MG403 Formulas for Areas** Area (ACMMG159) **MG407 Units of Area and Volume** Volume (ACMMG195) **MG404 Area of Quadrilaterals** Area (ACMMG196) **MG405 Area of Circles** Area (ACMMG197) **MG406 Views of Prisms and Solids** Volume (ACMMG161) **MG408 Volume of Prisms** Volume (ACMMG198) **MG409 Volume of Cylinders** Volume (ACMMG217)					**Solving equations** MA4-11NA MA4-10NA	**NA434 Linear Relationships** Linear Relationships (ACMNA193) **NA435 Solving Linear Equations** Linear Relationships (ACMNA194) **NA432 Solving Simple Quadratic Equations** Equations (Stage 4 Equations)
3			**Financial maths** MA4-6NA	**NA416 Discounts** Financial Mathematics (ACMNA174) **NA417 Profit and Loss** Financial Mathematics (ACMNA189)				
4					**Congruence** MA4-17MG	**MG417 Congruence** Properties of Geometrical Figures 2 (ACMMG200) **MG418 Congruence of Triangles** Properties of Geometrical Figures 2 (ACMMG201) **MG419 Congruence of Quadrilaterals** Properties of Geometrical Figures 2 (ACMMG202)		
5			**Rates and ratio** MA4-7NA	**NA419 Ratios and Rates** Ratios and Rates (ACMNA188)				
6							**Data and sampling** MA4-19SP MA4-20SP	**SP401 Census and Sampling** Data Collection and Representation (ACMSP284) **SP402 Data and Sampling** Data Collection and Representation (ACMSP206) **SP409 Variation in Data** Single Variable Data Analysis (ACMSP293) **SP407 The Effect of Individual Data Values** Single Variable Data Analysis (ACMSP207)
7			**Probability** MA4-21SP	**SP412 Complementary Events** Probability 1 (ACMSP204) **SP413 Probability Events** Probability 2 (ACMSP205) **SP414 Venn Diagrams and Two-way Tables** Probability 2 (ACMSP292)				
8					**Time** MA4-15MG	**MG410 Solving Time Problems** Time (ACMMG199) **MG411 International Time** Time (Stage 4 Time)		
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