Turramurra High School - 2024 - Year 7 - Scope and Sequence

Term 1 2024

	Week 1B	Week 2A	Week 3B	Week 4A	Week 5B	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
	29/1 30/1 31/1	5/2	12/2	19/2	26/2	4/3	11/3	18/3	25/3	29/3 1/4	8/4

SDD 1 / SDD 2 / Year 7 Immersion Activities (Week 1B)

Swimming Carnival (Week 3B)

Topic 1: Making Predicitions
Outcomes: MAO-WM-01, MA4-FRC-C-01, MA4-PRO-C-01
Life skills outcomes: MALS-FRC-01, MALS-DEP-01, MALS-PRO-01
- Compare fractions using equivalence
- Order and compare the value of fractions, decimals and percentages
- Determine probabilities for chance experiments
- Determine probabilities for complementary events

Topic 1: Making Predicitions (14 lessons)
Outcomes: MAO-WM-01, MA4-FRC-C-01, MA4-PRO-C-01
Life skills outcomes: MALS-FRC-01, MALS-DEP-01, MALS-PRO-01
- Compare fractions using equivalence
- Order and compare the value of fractions, decimals and percentages
- Determine probabilities for chance experiments
- Determine probabilities for complementary events

Topic 2: Making Decisions
Outcomes: MAO-WM-01. MA4-DAT-C-01, MA4-DAT-C-02, MA4-PRO-C-01
Life skills outcomes: MALS-DAT-01, MALS-DAT-02, MALS-PRO-01
- Classify data as either numerical (discrete or continuous) or categorical (nominal or ordinal) variables.
- Display data using graphical representations relevant to the purpose of the data.
- Interpret data in graphical representations.
- Calculate and compare the mean, median, mode and range for simple datasets.

YEAR 7 Camp (Week 8)

(14 lessons including topic test) (Week 9)
Outcomes: MAO-WM-01. MA4-DAT-C-01, MA4-DAT-C-02,
Life skills outcomes: MALS-DAT-01, MALS-DAT-02, MALS-PRO-01
- Classify data as either numerical (discrete or continuous) or categorical (nominal or ordinal) variables.
- Display data using graphical representations relevant to the purpose of the data.
- Interpret data in graphical representations.
- Calculate and compare the mean, median, mode

GOOD FRIDAY / EASTER MONDAY

Topic 2: Making Decisions (14 lessons including topic test)
Outcomes: MAO-WM-01. MA4-DAT-C-01, MA4-DAT-C-02, MA4-PRO-C-01
Life skills outcomes: MALS-DAT-01, MALS-DAT-02, MALS-PRO-01
- Classify data as either numerical (discrete or continuous) or categorical (nominal or ordinal) variables.
- Display data using graphical representations relevant to the purpose of the data.
- Interpret data in graphical representations.
- Calculate and compare the mean, median, mode and range for simple datasets.

Athletics Carnival (Week 11)

NAPLAN WINDOW 13th - 25th

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Term 2 2024

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
	29/4 30/4	6/5	13/5	20/5	27/5	3/6	10/6 11/6	17/6	24/6	1/7

SDD (Week 1)

Topic 3: Representing Numbers (10 lessons)
Outcomes: MAO-WM-01, MA4-INT-C-01, MA4-FRC-C-01, MA4-ALG-C-01, MA4-LIN-C-01
Life Skills outcomes: MALS-REP-01, MALS-COM-01, MALS-FRC-01, MALS-DEP-01, MALS-PAT-01
- Compare and order integers
- Compare fractions using equivalence
- Identify and make use of the relationship between fractions, decimals and percentages to carry out simple conversions
- Order and compare fractions, decimals and percentages
- Identify terminating and recurring decimals
- Plot and identify points on the Cartesian plane

Topic 4: Algebraically Representing Numbers (8 lessons)
Outcomes: MAO-WM-01, MA4-ALG-C-01
Life Skills Outcomes: MALS-PAT-01
- Examine the concept of pronumerals as a way of representing numbers.
- Create algebraic expressions and evaluate them by substitution.
- Extend and apply the laws and properties of arithmetic to algebraic terms and expressions.

Queens Birthday (Week 7)

Topic 5: Additive Thinking (14 lessons)
Outcomes: MAO-WM-01, MA4-INT-C-01, MA4-FRC-C-01, MA4-ALG-C-01
Life Skills outcomes: MALS-FRC-01, MALS-DEP-01, MALS-ADS-01, MALS-PAT-01
- Add and subtract positive and negative integers
- Solve problems that involve addition and subtraction of fractions
- Extend and apply the laws and properties of arithmetic to algebraic terms and expressions

Term 2 Assessment (Week 9)

(Week 10)
- Add and subtract positive and negative integers
- Solve problems that involve addition and subtraction of fractions
- Extend and apply the laws and properties of arithmetic to algebraic terms and expressions

2024 Year 7 Scope and Sequence

Term 3 2024

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
22/7	23/7	29/7	5/8	12/8	19/8	26/8	2/9	9/9	16/9	23/9

Topic 5 Multiplicative Thinking (? lessons)	**Topic 6: Triangles and quadrilaterals**
Outcomes: MAO-WM-01, MA4-INT-C-01, MA4-FRC-C-01, MA4-ALG-C-01, MA4-IND-C-01	Outcomes: MAO-WM-01, MA4-ANG-C-01, MA4-GEO-C-01
Life Skills outcomes: MALS-FRC-01, MALS-DEP-01, MALS-MDI-01, MALS-PAT-01	Life Skills outcomes: MALS-GEO-01

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- Multiply and divide positive and negative integers
- Apply the 4 operations to integers
- Solve problems that involve multiplication and division of fractions and decimals
- Represent one quantity as a fraction, decimal or percentage of another, with and without the use of digital tools
- Extend and apply the laws and properties of arithmetic to algebraic terms and expressions
- Apply index notation to represent whole numbers as products of powers of prime numbers
- Examine cube roots and square roots

- Apply the language, notation and conventions of geometry
- Classify triangles according to their side and angle properties
- Classify quadrilaterals and describe their properties
- Apply the properties of triangles and quadrilaterals

Term 4 2024

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	
14/10	21/10	28/10	4/11	11/11	18/11	25/11	2/12	9/12	16/12	20/12

Topic 7: Length and area	**Topic 8: Constructing prisms**
Outcomes: MAO-WM-01, MA4-FRC-C-01, MA4-ALG-C-01, MA4-LEN-C-01, MA4-ARE-C-01, MA4-RAT-C-01	Outcomes: MAO-WM-01, MA4-VOL-C-01
Life Skills outcomes: MALS-DEP-01, MALS-PAT-01, MALS-LEN-01, MALS-ARE-01	Life Skills outcomes: MALS-VOL-01

- Round decimals to a specified degree of accuracy using approximations
- Create algebraic expressions and evaluate them by substitution
- Solve problems involving the perimeter of various quadrilateral and simple composite figures
- Develop and use formulas to find the area of rectangles, triangles and parallelograms to solve problems
- Develop and use the formulas to find the area of trapeziums, rhombuses and kites to solve problems
- Choose appropriate units of measurement for area and convert between units
- Recognise and simplify ratios
- Solve problems involving ratios

- Describe the different views of prisms and solids that have been formed from prism combinations
- Develop and apply the formula to find the volume of a prism to solve problems
- Choose appropriate units of measurement for volume and capacity and convert between units

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Dr Chris Matthews – changing our mindsets in how we see maths to enable children's curiosity (youtube.com)

Topic 8 : Aboriginal link on 2D & 3D shapes

https://docs.google.com/document/d/1NXuhsfjYkVJh8ayWj-uX3Gc08FrED6Gl/edit?usp=drive_link&ouid=113100474522411461891&rtpof=true&sd=true