NSW Syllabus Year 6 (Stage 3) | Yearly Plan
Ready for use in 2026

Maths Trek

Term 1

Week 1
Unit 1
- 1.1 Maths is everywhere
- 1.2 Positive and negative numbers
- 1.3 Comparing and ordering fractions

Week 2
Unit 2
- 2.1 Fractions as division
- 2.2 Fractions as division
- 2.3 Rotational symmetry
- 2.4 PS strategy: Working backwards

Week 3
Unit 3
- 3.1 Properties of angles
- 3.2 Multiplication
- 3.3 Division with remainders as fractions
- 3.4 PS strategy: Drawing a picture or diagram

Week 4
Unit 4
- 4.1 Investigating patterns
- 4.2 Patterns in a table of values
- 4.3 Inverse operations to check calculations
- 4.4 Revision: Units 1–4

Week 5
Unit 5 Investigation: Lilja's locked level

Week 6
Unit 6
- 6.1 Percentages
- 6.2 Renaming fractions as percentages
- 6.3 Multi-step problems – add and subtract
- 6.4 PS strategy: Making a table or chart
- 6.5 Assessment

Week 7
Unit 7
- 7.1 Estimation strategies
- 7.2 Metric system of measurement
- 7.3 Perimeter of rectangles
- 7.4 PS strategy: Finding a pattern or using a rule

Week 8
Unit 8
- 8.1 Area of rectangles
- 8.2 Area of composite rectangles
- 8.3 Area and perimeter
- 8.4 Revision: Units 6–8

Week 9
Unit 9 Investigation: Happy hippos

Term 2

Week 1
Unit 10
- 10.1 Reading timetables
- 10.2 Modelling to solve problems
- 10.3 Timelines
- 10.4 PS strategy: Making an organised list

Week 2
Unit 11
- 11.1 Equivalent fractions
- 11.2 Side-by-side column graphs
- 11.3 Line graphs
- 11.4 PS strategy: Guessing and checking

Week 3
Unit 12
- 12.1 Stacked line graphs
- 12.2 Mode and range
- 12.3 Comparing graphs
- 12.4 Revision: Units 10–12

Week 4
Unit 13 Investigation: Unique you

Week 5
Unit 14
- 14.1 Function machines
- 14.2 Order of operations
- 14.3 Balancing equations
- 14.4 Assessment

Week 6
Unit 15
- 15.1 Equivalent fractions
- 15.2 Adding and subtracting fractions
- 15.3 Fractional parts build to the whole
- 15.4 PS strategy: Solving a simpler problem

Week 7
Unit 16
- 16.1 Decimal addition to tenths
- 16.2 Decimal subtraction to tenths
- 16.3 Decimal addition to hundredths
- 16.4 PS strategy: Finding smaller parts of a larger problem

Week 8
Unit 17
- 17.1 Decimal subtraction to hundredths
- 17.2 Misleading data and graphs
- 17.3 Causes of bias
- 17.4 Revision: Units 14–17

Week 9
Unit 18 Investigation: Record breaker

Term 3

Week 1
Unit 19
- 19.1 Coordinates in one quadrant
- 19.2 Area of parallelograms
- 19.3 Area of triangles
- 19.4 PS strategy: Acting out the problem

Week 2
Unit 20
- 20.1 Percentages
- 20.2 Renaming fractions as percentages
- 20.3 Discount
- 20.4 Problem-solving practice

Week 3
Unit 21
- 21.1 Multi-step problems
- 21.2 Reading and interpreting timetables
- 21.3 Calculating duration
- 21.4 Revision: Units 19–21

Week 4
Unit 22 Investigation: Fantasy flight

Week 5
Unit 23
- 23.1 Skeletal models of pyramids
- 23.2 Measuring with tonnes and kilograms
- 23.3 Inverse operations to solve problems
- 23.4 Assessment

Week 6
Unit 24
- 24.1 Adding and subtracting fractions
- 24.2 Properties of shapes
- 24.3 Tessellations
- 24.4 Problem-solving practice

Week 7
Unit 25
- 25.1 Decimal addition to thousandths
- 25.2 Decimal subtraction to thousandths
- 25.3 Multiply decimals by 10, 100, 1000
- 25.4 Problem-solving practice

Week 8
Unit 26
- 26.1 Division with remainders to tenths
- 26.2 Division with remainders to hundredths
- 26.3 Volume
- 26.4 Revision: Units 23–26

Week 9
Unit 27 Investigation: Is petrol pricey?

Term 4

Week 1
Unit 28
- 28.1 Volume
- 28.2 Patterns and rules
- 28.3 Translation, reflection, rotation
- 28.4 Problem-solving practice

Week 2
Unit 29
- 29.1 Comparing probability
- 29.2 Expected probability
- 29.3 Observed probability
- 29.4 Problem-solving practice

Week 3
Unit 30
- 30.1 Repeated probability experiments
- 30.2 Fair and unfair outcomes
- 30.3 Transformations
- 30.4 Revision: Units 28–30

Week 4
Unit 31 Investigation: Practice makes perfect

Week 5
Unit 32
- 32.1 Positive and negative numbers
- 32.2 Coordinates in four quadrants
- 32.3 Transformations with coordinates
- 32.4 Assessment

Week 6
Unit 33 Investigation: Curious coordinates

Week 7
Unit 34 Maths puzzles and games

Week 8

Extra investigations
Investigation: Clever containers

Investigation: Educational entrepreneur

Investigation: Octi-origami

Investigation: Weird or wonderful weather

Week 9