Primary Maths Series - Year 6 at a Glance

AUTUMN TERM	SPRING TERM	SUMMER TERM
Number and Place Value: Numbers to 10 Million LESSON BREAKDOWN	Measurement: Measurements LESSON BREAKDOWN	Geometry – Position and Direction: Position and Movement LESSON BREAKDOWN
Calculations: Four Operations on Whole Numbers LESSON BREAKDOWN	Word Problems LESSON BREAKDOWN	Statistics: Graphs and Averages LESSON BREAKDOWN
	Mid-year (A) Tests and Remediation	SATs
	Fractions, Decimals and Percentages: Percentage LESSON BREAKDOWN	Number and Place Value: Negative Numbers LESSON BREAKDOWN
Fractions, Decimals and Percentages: Fractions LESSON BREAKDOWN	Ratio and Proportion: Ratio LESSON BREAKDOWN	Measurement: Volume LESSON BREAKDOWN
	Algebra: Algebra LESSON BREAKDOWN	Geometry – Properties and Shapes: Geometry LESSON BREAKDOWN
Fractions, Decimals and Percentages: Decimals LESSON BREAKDOWN	Measurement: Area and Perimeter LESSON BREAKDOWN	Geometry – Position and Direction: Position and Movement LESSON BREAKDOWN
	Geometry – Properties and Shapes: Geometry LESSON BREAKDOWN	Statistics: Graphs and Averages LESSON BREAKDOWN
		Revision and End-of-year (B) Tests
		Revisit Topics

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Autumn Term – Textbook 6a

Number and Place Value: Numbers to 10 Million

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 1 – Numbers to 10 Million	Lesson 1 – Reading and Writing Numbers to 10 Million	To construct and record numbers to 10 000 000; to recognise the value of digits to 10 000 000.
	Lesson 2 – Comparing Numbers to 10 Million	To compare numbers to 10 000 000 using place value.
	Lesson 3 – Comparing and Ordering Numbers to 10 Million	To compare and order numbers to 10 000 000; to create combinations of numbers using a fixed number of digits.
	Lesson 4 – Rounding Numbers	To round numbers to 10 000 000 to the nearest miliion, hundred thousand and ten thousand.
	Lesson 5 – Rounding Numbers	To round numbers to the nearest appropriate number up to and including millions; to determine when rounding is appropriate and to which value.
	Chapter consolidation	To practise various concepts covered in the chapter.

Primary Maths Series - Year 6 Lesson Breakdown

Autumn Term – Textbook 6a

Calculations: Four Operations on Whole Numbers

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 2 – Four Operations on Whole Numbers	Lesson 1 – Using Mixed Operations	To use multiple operations and create expressions from a picture; to use the order of operations to solve expressions.
	Lesson 2 – Order of Operations	To create and solve expressions using the four operations.
	Lesson 3 – Multiplying by Tens	To multiply numbers by multiples of 10; to use number bonds as a key strategy in multiplication.
	Lesson 4 – Multiplying a 3-Digit Number by a 3-Digit Number	To multiply 3- and 4-digit numbers by 2-digit numbers without regrouping or renaming; to use both number bonds and the column method as key strategies.
	Lesson 5 – Multiplying by a 2-Digit Number	To multiply 3- and 4-digit numbers by 2-digit numbers without regrouping or renaming; to use both number bonds and the column method as key strategies.
	Lesson 6 – Multiplying by a 3-Digit Number by a 2-Digit Number	To multiply 3- and 4-digit numbers by 2-digit numbers with regrouping and renaming; to use number bonds and pattern recognition as key strategies for multiplication.
	Lesson 7 – Multiplying a 4-Digit Number by a 2-Digit Number	To multiply 3- and 4-digit numbers by 2-digit numbers with regrouping and renaming; to use number bonds and the column method as key strategies.
	Lesson 8 – Multiplying by a 2-Digit Number	To estimate products of multiplying 3- and 4-digit numbers by a 2-digit numbers; to use knowledge of multiplication to create specific products.
	Lesson 9 – Dividing by a 2-Digit Number	To divide 3-digit numbers by 2-digit numbers using a variety of strategies; to use number bonds, long division and bar models to facilitate division by 2-digit numbers.
	Lesson 10 – Dividing by a 2-Digit Number	To divide 4-digit numbers by 2-digit numbers; to use number bonds and long division as the key strategies.
	Lesson 11 – Dividing by a 2-Digit Number	To divide 4-digit numbers by 2-digit numbers using a variety of methods; to use number bonds, long and short division as key methods.
	Lesson 12 – Dividing by a 2-Digit Number with Remainder	To divide 3-digit numbers by 2-digit numbers giving rise to remainders; to use number bonds and long and short division as key strategies to solve division problems.

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Primary Maths Series - Year 6 Lesson Breakdown

	Lesson 13 – Dividing by a 2-Digit Number with Remainder	To divide 4-digit numbers by 2-digit numbers giving rise to a remainder; to represent the remainder as part of a whole amount of money or decimal.

Continued overleaf

Autumn Term – Textbook 6a

Calculations: Four Operations on Whole Numbers (continued)

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 2 – Four Operations on Whole Numbers	Lesson 14 – Solving Word Problems Using Bar Models	To use the bar model heuristic to solve word problems involving multiplication and division.
	Lesson 15 – Solving Word Problems Using Patterns	To solve word problems using division as the main strategy; to use pictorial representations to support word problems.
	Lesson 16 – Solving Word Problems Using Multiple Methods	To solve word problems involving multiple operations, including multiplication and division.
	Lesson 17 – Finding Common Multiples	To find common multiples in real-life situations; to use common multiples in tandem with knowledge of time.
	Lesson 18 – Finding Common Multiples	To use common multiples to solve problems; to organise mathematical thinking into tables and lists.
	Lesson 19 – Finding Common Factors	To find the largest common factor of 3-digit numbers; to use multiplication and division to find largest common factors.
	Lesson 20 – Finding Common Factors	To find common factors using concrete materials.
	Lesson 21 – Finding Prime Numbers	To use prime numbers to create other numbers; to explore prime numbers above 100.
	Lesson 22 – Finding Prime Numbers	To explore prime numbers using concrete materials; to identify prime numbers using multiplication or division.

Primary Maths Series - Year 6 Lesson Breakdown

	Chapter consolidation	To practise various concepts covered in the chapter.

Autumn Term – Textbook 6a

Fractions, Decimals and Percentages: Fractions

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 3 – Fractions	Lesson 1 – Simplifying Fractions Using Common Factors	To use concrete materials to simplify fractions; to recognise equivalence in fractions to $^1/_4$.
	Lesson 2 – Simplifying Fractions Using Common Factors	To simplify fractions using division and common factors; to represent fractions using concrete materials and pictorial representations.
	Lesson 3 – Comparing and Ordering Fractions	To compare fractions and place them in order from smallest to largest.
	Lesson 4 – Comparing and Ordering Improper Fractions	To compare and order fractions by finding common denominators.
	Lesson 5 – Comparing and Ordering Fractions and Mixed Numbers	To compare and order fractions using common factors.
	Lesson 6 – Adding and Subtracting Unlike Fractions	Adding and subtracting fractions with different denominators; using pictorial representations to compare fractions and add/subtract.
	Lesson 7 – Adding and Subtracting Unlike Fractions	To add and subtract fractions with different denominators.
	Lesson 8 – Adding and Subtracting Mixed Numbers	To add and subtract mixed numbers, including fractions with different denominators; to subtract from the whole and add the remainder back on.
	Lesson 9 – Adding and Subtracting Mixed Numbers	To add and subtract fractions with different denominators; to add and subtract mixed numbers.
	Lesson 10 – Multiplying Pairs of Proper Fractions	To multiply fractions using pictorial representations and abstract methods.
	Lesson 11 – Multiplying Pairs of Proper Fractions	To determine if the commutative law applies to fractions; to multiply fractions using concrete materials and pictorial representations.
	Lesson 12 – Multiplying Pairs of Proper Fractions	To use concrete materials to understand and solve the multiplication of fractions; to simplify equations using pattern blocks.
	Lesson 13 – Dividing a Fraction by a Whole Number	To divide a fraction by a whole number; to use pictorial representation to divide whole numbers into fractions.

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Primary Maths Series - Year 6 Lesson Breakdown

	Lesson 14 – Dividing a Fraction by a Whole Number	To divide fractions by whole numbers using concrete materials and pictorial representations; to divide fractions when the numerator and divisor are not easily divisible.
	Lesson 15 – Dividing a Fraction by a Whole Number	To divide fractions by a whole number; to use pictorial representations to support division.
	Chapter consolidation	To practise various concepts covered in the chapter.

Autumn Term – Textbook 6a

Fractions, Decimals and Percentages: Decimals

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 4 – Decimals	Lesson 1 – Reading and Writing Decimals	To read and write decimals to thousandths; to use concrete materials to represent decimals.
	Lesson 2 – Dividing Whole Numbers by Multiples of 10	To divide whole numbers by larger whole numbers; to use Base 10 materials to represent tenths, hundredths and thousandths.
	Lesson 3 – Dividing Whole Numbers	To divide whole numbers that give rise to decimals; to calculate decimal fraction equivalents using long division.
	Lesson 4 – Writing Fractions as Decimals	To convert fractions into decimals using bar models and long division.
	Lesson 5 – Writing Fractions as Decimals	To write fractions as decimals; to use long division as the key strategy for turning fractions into decimals.
	Lesson 6 – Multiplying Decimals without Regrouping	To multiply decimals by whole numbers using partitioning or the worded method to help find the solution.
	Lesson 7 – Multiplying Decimals with Regrouping	To multiply whole numbers that include a decimal by other whole numbers; to use partitioning and the worded method as key strategies.
	Lesson 8 – Multiplying Decimals with Regrouping	To multiply decimals by whole numbers, including regrouping and renaming.
	Lesson 9 – Multiplying Decimals with Regrouping	To multiply decimals by whole numbers using a variety of methods; to use the heuristic 'making a list' to help solve a problem.
	Lesson 10 – Dividing Decimals without Regrouping	To divide decimals using number bonds and number discs as the key strategies.

Primary Maths Series - Year 6 Lesson Breakdown

	Lesson 11 – Dividing Decimals with Regrouping	To divide decimals using bar models, number bonds and long division as key strategies, including regrouping and renaming.
	Lesson 12 – Multiplying a Decimal by a 2-Digit Whole Number	To multiply decimals by a 2-digit whole number using number discs and the column method.
	Lesson 13 – Dividing a Decimal by a 2-Digit Whole Number	To divide decimals by 2-digit numbers using number bonds and the worded method.
	Lesson 14 – Dividing a Decimal by a 2-Digit Whole Number	To divide decimals by 2-digit whole numbers using number bonds and the worded method.
	Chapter consolidation	To practise various concepts covered in the chapter.

Spring Term – Textbook 6a

Measurement: Measurements

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 5 – Measurements	Lesson 1 – Converting Units of Length : Millimetres and Centimetres	To convert common measurements into centimetres and millimetres.
	Lesson 2 – Converting Units of Length : Metres and Centimetres	To convert units of measure into different units; to use knowledge of decimals and fractions to help convert units.
	Lesson 3 – Converting Units of Length : Kilometres and Metres	To convert metres into kilometres as units of measure.
	Lesson 4 - Converting Units of Length: Miles and Kilometres.	To convert distances between miles and kilometres.
	Lesson 5 – Converting Units of Mass	To convert units of mass from grams to kilograms using decimals and fractions.
	Lesson 6 – Converting Units of Volume	To convert units of volume from millilitres to litres.

Primary Maths Series - Year 6 Lesson Breakdown

	Lesson 7 – Converting Units of Time	To convert units of time from minutes to hours; to represent time using 24-hour notation.
	Chapter consolidation	To practise various concepts covered in the chapter.

Spring Term – Textbook 6a

Word Problems

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 6 – Word Problems	Lesson 1 – Solving Word Problems	To use bar models to solve word problems involving the four operations.
	Lesson 2 – Solving Word Problems	To use the bar model heuristic to solve word problems involving money.
	Lesson 3 – Solving Word Problems	To use the bar model heuristic to solve complex word problems involving ratio.
	Lesson 4 – Solving Word Problems	To use the bar model heuristic to solve complex word problems involving time.
	Lesson 5 – Solving Word Problems	To solve word problems that apply the bar model heuristic and involve fractions.
	Lesson 6 – Solving Word Problems	To create and solve complex word problems using the four operations.
	Chapter consolidation	To practise various concepts covered in the chapter.
Week 3	**Mid-Year (A) Tests and Remediation**	

Primary Maths Series - Year 6 Lesson Breakdown

Spring Term – Textbook 6b		
Fractions, Decimals and Percentages: Percentage		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
Chapter 7 – Percentage	Lesson 1 – Finding the Percentage of a Number	To find the percentage of a whole number using division and multiplication; to use bar modelling as a pictorial approach to calculating percentage.
	Lesson 2 – Finding the Percentage of a Quantity	To find the percentage of a quantity; to use bar model diagrams to support the division and multiplication of numbers towards the percentage.
	Lesson 3 – Finding Percentage Change	To find the percentage change in an amount over time; to calculate the percentage change where the number gives rise to a decimal.
	Lesson 4 – Using Percentage to Compare	To use percentage, bar models and fractions to compare amounts.
	Chapter consolidation	To practise various concepts covered in the chapter.

Click to Return to Year 6 at a Glance

The lesson breakdown for Textbook 6B is provisional and may be subject to minor changes.

Primary Maths Series - Year 6 Lesson Breakdown

Spring Term – Textbook 6b		
Ratio and Proportion: Ratio		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
Chapter 8 – Ratio	Lesson 1 – Comparing Quantities	To use ratios and fractions to compare objects; to find the relationship between ratios, percentages and fractions.
	Lesson 2 – Comparing Quantities	To determine the ratio of a quantity using concrete materials; to simplify ratios using concrete materials in addition to division.
	Lesson 3 – Comparing Quantities	To compare more than two quantities using the term 'ratio'; to use bar models to express ratios where there is more than one quantity.
	Lesson 4 – Comparing Quantities	To compare quantity using both fractions and ratios; to use bar model diagrams to represent ratios.
	Lesson 5 – Comparing Quantities	To compare quantities using bar models and common factors; to use multiplication and division to simplify ratios.
	Lesson 6 – Comparing Numbers	To compare numbers using ratios; to make decisions about simplifying ratios using division.
	Lesson 7 – Solving Word Problems	To solve word problems using a variety of heuristics including guess-and-check and bar models; to apply knowledge of ratios to word problems.
	Lesson 8 – Solving Word Problems	To solve word problems using the bar model heuristic; to employ division and multiplication as primary strategies when solving word problems visually.
	Lesson 9 – Solving Word Problems	To apply the guess-and-check and advanced bar model heuristic to ratio word problems.
	Chapter consolidation	To practise various concepts covered in the chapter.

Spring Term – Textbook 6b		
Algebra: Algebra		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**

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The lesson breakdown for Textbook 6B is provisional and may be subject to minor changes.

Primary Maths Series - Year 6 Lesson Breakdown

Chapter 9 – Algebra	Lesson 1 – Describing a Pattern	To determine a pattern using concrete materials and pictorial representation; to use a table to identify a repeating pattern; to express a rule using a letter or symbol.
	Lesson 2 – Describing a Pattern	To determine a pattern using concrete materials and pictorial representation; to use a table to identify a repeating pattern; to express the relationship between consecutive numbers in terms of a symbol or letter.
	Lesson 3 – Describing a Pattern	To determine a pattern using concrete materials and pictorial representation; to use a table to identify a pattern; to express the relationship between consecutive numbers in terms of a symbol or letter.
	Lesson 4 – Describing a Pattern	To determine a pattern using concrete materials and pictorial representation; to use a table to identify a pattern; to express unknown numbers in terms of a letter or symbol, including using a number before a letter for multiplication.
	Lesson 5 – Writing Algebraic Expressions	To use a table to identify a pattern; to write algebraic expressions using each of the four operations.
	Lesson 6 – Writing and Evaluating Algebraic Expressions	To use examples to identify rules; to write algebraic expressions using each of the four operations; to evaluate algebraic expressions including the use of inverse operations.
	Lesson 7 – Writing and Evaluating Algebraic Expressions	To recognise patterns; to write algebraic expressions with two steps; to evaluate algebraic expressions with two steps.
	Lesson 8 – Writing Formulae	To recognise patterns; to write and evaluate algebraic expressions with two steps; to write and use formulae.
	Lesson 9 – Using Formulae	To use formulae to solve problems; to replace a letter/variable with a number then solve the equation; to use inverse operations to solve equations.
	Lesson 10 – Solving Equations	To solve equations; to use equations to find unknown values.
	Chapter consolidation	To practise various concepts covered in the chapter.

Spring Term – Textbook 6b

Measurement: Area and Perimeter

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 10	Lesson 1 – Finding the Area and the Perimeter of Rectangles	To find the area and perimeter of rectangles; to calculate perimeter using the known area and vice versa.

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The lesson breakdown for Textbook 6B is provisional and may be subject to minor changes.

Primary Maths Series - Year 6 Lesson Breakdown

– Area and Perimeter **Lessons 1–6**	Lesson 2 – Finding the Area of Parallelograms	To find and calculate the area of a parallelogram; to use concrete materials and prior understanding of area to construct a formula for the area.
	Lesson 3 – Finding the Area of Triangles	To use prior knowledge of area to determine and solve the area of a triangle; to use and apply the formula for the area of a rectangle to solve problems involving triangles.
	Lesson 4 – Finding the Area of Triangles	To calculate the area of a triangle using a formula; to calculate the area of a triangle in multiple ways.
	Lesson 5 – Finding the Area of Triangles	To use multiple methods to solve the area of a triangle.
	Lesson 6 – Finding the Area of Parallelograms	To find the area of a parallelogram using an understanding of triangles; to use concrete materials to find the area of a parallelogram.
	Chapter consolidation	To practise various concepts covered in the chapter.
	3 consolidation days	To be used if lessons take longer than expected or a topic needs to be revisited.

Spring Term – Textbook 6b

Geometry – Properties and Shapes: Geometry

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 12 – Geometry **Lessons 1–5**	Lesson 1 – Investigating Vertically Opposite Angles	To investigate opposite angles; to use prior knowledge of angles to solve problems involving angles.
	Lesson 2 – Solving Problems Involving Angles	To solve problems involving angles using the bar model heuristic; to solve problems involving angles without protractors.
	Lesson 3 – Investigating Angles in Triangles	To determine and show the sum of the angles inside a triangle.
	Lesson 4 – Investigating Angles in Quadrilaterals	To investigate and determine angles in quadrilaterals.

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The lesson breakdown for Textbook 6B is provisional and may be subject to minor changes.

Primary Maths Series - Year 6 Lesson Breakdown

	Lesson 5 – Solving Problems Involving Angles in Triangles and Quadrilaterals	To use the knowledge of angles inside a triangle and a quadrilateral to solve problems involving angles in other shapes.

Spring Term – Textbook 6b

Geometry – Position and Direction: Position and Movement

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 12 – Position and Movement **Lessons 1–5**	Lesson 1 – Showing Negative Numbers	To represent negative numbers on both vertical and horizontal number lines.
	Lesson 2 – Describing Position	To describe the positions of objects on a coordinate grid; to use x and y axes to determine the position of objects on a grid.
	Lesson 3 – Describing Position	To describe the position of points using coordinates on a grid.
	Lesson 4 – Drawing Polygons on a Coordinate Grid	To draw polygons on a coordinate grid; to recognise polygons on a coordinate grid.
	Lesson 5 – Describing Translations	To describe the translation of shapes on a coordinate grid.

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The lesson breakdown for Textbook 6B is provisional and may be subject to minor changes.

Primary Maths Series - Year 6 Lesson Breakdown

Summer Term – Textbook 6b

Statistics: Graphs and Averages

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 14 – Graphs and Averages **Lessons 1–10**	Lesson 1 – Understanding Averages	To calculate the average (mean) of sets of values.
	Lesson 2 – Calculating the Mean	To calculate the mean.
	Lesson 3 – Calculating the Mean	To calculate the mean.
	Lesson 4 – Solving Problems Involving the Mean	To solve problems involving the mean; to use the mean and the number of values to calculate the total; to use given information to find unknown values.
	Lesson 5 – Showing Information on Graphs	To show information on graphs; to transfer information from a table to a pie chart.
	Lesson 6 – Reading Pie Charts	To read and interpret pie charts.
	Lesson 7 – Reading Pie Charts	To read and interpret pie charts; to use percentages in pie charts.
	Lesson 8 – Reading Pie Charts	To read and interpret pie charts; to use knowledge of angles to interpret pie charts.
	Lesson 9 – Reading Line Graphs	To read line graphs; to interpret the information in line graphs that show distance and time.
	Lesson 10 – Reading Line Graphs	To read and interpret line graphs; to answer questions about the information in line graphs.

Summer Term – Textbook 6b

Number and Place Value: Negative Numbers

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 15 – Negative Numbers	Lesson 1 – Adding and Subtracting Negative Numbers	To add and subtract negative numbers using a number line.

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The lesson breakdown for Textbook 6B is provisional and may be subject to minor changes.

Primary Maths Series - Year 6 Lesson Breakdown

	Lesson 2 – Using Negative Numbers	To create number stories using negative numbers.
	Chapter consolidation	To practise various concepts covered in the chapter.
	2 consolidation days	To be used if lessons take longer than expected or a topic needs to be revisited.
Week 4	**SATs**	

The lesson breakdown for Textbook 6B is provisional and may be subject to minor changes.

Primary Maths Series - Year 6 Lesson Breakdown

Summer Term – Textbook 6b		
Measurement: Volume		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
Chapter 11 – Volume	Lesson 1 – Finding the Volume of Cubes and Cuboids	To find the volume of cubes and cuboids using concrete materials.
	Lesson 2 – Finding the Volume of Cubes and Cuboids	To determine the formula for the volume of cubes and cuboids and apply it to calculate the volume of shapes.
	Lesson 3 – Finding the Volume of Cubes and Cuboids	To estimate the volume of objects and spaces; to calculate the volume of boxes using the formula for volume of cubes and cuboids.
	Lesson 4 – Finding the Volume of Cubes and Cuboids	To calculate the volume of boxes using the formula for volume of a cube; to expose common misconceptions in volume through a 3-box arrangement.
	Lesson 5 – Solving Problems Involving the Volume of Solids	To solve word problems involving the volume of cubes and cuboids; to apply the formula for the volume of a cube or cuboid.
	Chapter consolidation	To practise various concepts covered in the chapter.

Summer Term – Textbook 6b		
Geometry – Properties and Shapes: Geometry		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
Chapter 12 – Geometry **Lessons 6–12**	Lesson 6 – Naming Parts of a Circle	To name the parts of a circle; to calculate diameter and radius using parts of a circle.
	Lesson 7 – Solving Problems Involving Angles in a Circle	To solve problems involving angles in a circle.

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The lesson breakdown for Textbook 6B is provisional and may be subject to minor changes.

Primary Maths Series - Year 6 Lesson Breakdown

	Lesson 8 – Drawing Quadrilaterals	To draw quadrilaterals with specific side lengths and parallel lines; to find the perimeter of shapes and name trapeziums and parallelograms.
	Lesson 9 – Drawing Triangles	To draw triangles using measurements and angles as the starting point; to use a protractor to draw triangles using angles.
	Lesson 10 – Drawing Triangles	To construct triangles using a protractor and ruler; to use ratio to determine the dimensions of a triangle.
	Lesson 11 – Drawing Nets of Three-Dimensional Shapes	To construct the nets of 3-D shapes by identifying the faces and the 2-D shapes that construct them.
	Lesson 12 – Drawing Nets of Three-Dimensional Shapes	To construct the nets of 3-D shapes by identifying the faces and the 2-D shapes that construct them.
	Chapter consolidation	To practise various concepts covered in the chapter.
	2 consolidation days	To be used if lessons take longer than expected or a topic needs to be revisited.

Summer Term – Textbook 6b

Geometry – Position and Direction: Position and Movement

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 13 – Position and Movement **Lessons 6–10**	Lesson 6 – Describing Reflections	To describe reflection using a mirror line and the terms 'object' and 'image'.
	Lesson 7 – Describing Movements	To reposition objects so they can be reflected in the x and y axis as the mirror line.
	Lesson 8 – Describing Movements	To describe the movement of objects using the terms 'translation' and 'reflection'.
	Lesson 9 – Using Algebra to Describe Position	To use algebra to describe the positions of coordinates in relationship to one another.
	Lesson 10 – Using Algebra to Describe Movements	To represent translation and reflection using algebraic notation.
	Chapter consolidation	To practise various concepts covered in the chapter.

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The lesson breakdown for Textbook 6B is provisional and may be subject to minor changes.

Primary Maths Series - Year 6 Lesson Breakdown

Summer Term – Textbook 6b		
Statistics: Graphs and Averages		
Maths — No Problem! Book Reference	**Lesson Name**	**Lesson Objective**
Chapter 14 – Graphs and Averages **Lessons 11–12**	Lesson 11 – Converting Miles into Kilometres	To convert miles into kilometres and kilometres into miles.
	Lesson 12 – Reading Line Graphs	To read and interpret line graphs.
	Chapter consolidation	To practice various concepts covered in the chapter.
	2 consolidation days	To be used if lessons take longer than expected or a topic needs to be revisited.
Week 10	**Revisit Topics**	
Week 11	**Revision And End-Of-Year (B) Tests**	
Week 12	**Revisit Topics**	

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