Year 6 Maths Long Term Overview: Curriculum Prioritisation 2025-26

Rationale

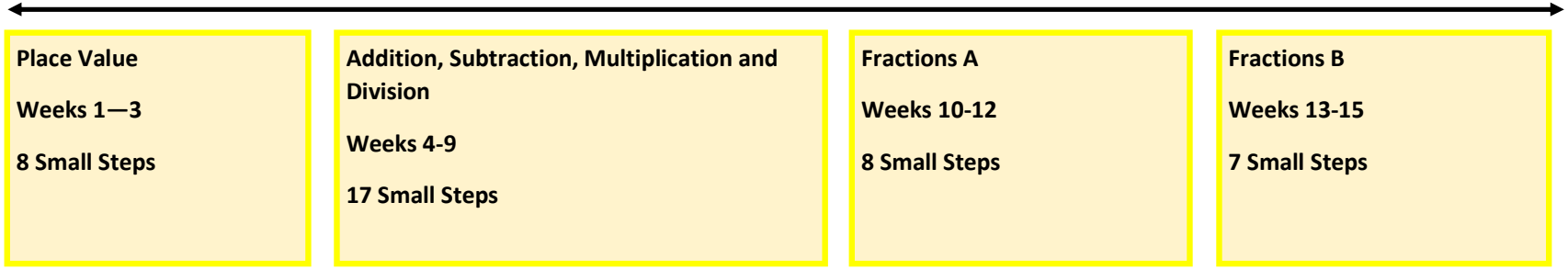
This overview is designed to run alongside the White Rose Schemes of Learning (Version 3.0) found here. However, these have been adapted to provide greater priority to core areas of the curriculum and the DFE ready to progress criteria and before SAT take place. Where small steps are directly or indirectly related to DFE ready to progress criteria this is identified with a reference such as **(NPV-1),** teachers can use these to refer to the document for additional planning support. Term lengths are aligned with 2025-26 term lengths across the trust, meaning there is 15 teaching weeks in the first full term.

They are fully editable and should be used as a starting point. Where some small steps are deemed as essential or foundational knowledge, they have been given a suggested two-sessions to provide time for children to fully understand these concepts. However, there are far less of these in Y6 as assessment should dictate more which content to cover in more detail. **It is important to point out that there is not a designed small step for every day in certain weeks meaning teacher have room to consolidate or lengthen out other small steps not identified.** When two sessions are offered, there are different options, however, I would suggest focussing more on arithmetic and fluency on the first day through repeated practice and over learning before moving onto application to reasoning and problem solving the next.

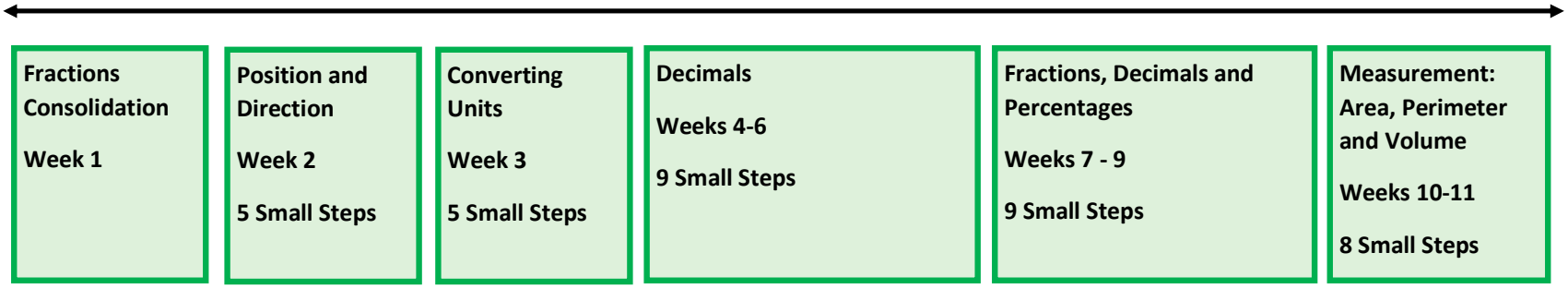
Individual considerations Y6:

- Ratio and Algebra have been moved after SATS but there is space to do days on this content, so children have at least been exposed to it. For children going for greater depth, they should be taught this content during booster sessions, and they should pick it up quickly, especially algebra.
- Place value, addition and subtraction, decimals and FDP has been lengthened by a week
- A+S is only lengthened by a week because 4 operations arithmetic should be practiced almost daily during arithmetic sessions, starters etc
- Fractions has been lengthened by two weeks in total. One week for Fractions A and one week for Fractions B. However, there is a fractions consolidation week at the beginning of Spring 1.
- Where weeks have been lengthened out it also provides opportunity to bring content in from Y5 that needs recovering
- Properties of shapes has been shortened to two weeks so mornings/afternoons should be utilised to cover additional small steps if necessary
- There are not assessment weeks in this overview as in Y6 any assessments should not take the place of taught content. Therefore, Maths lessons should continue in the afternoons. If this really isn't possible, they can be absorbed into weeks where there are less than 5 small steps or where small steps have been given two sessions.

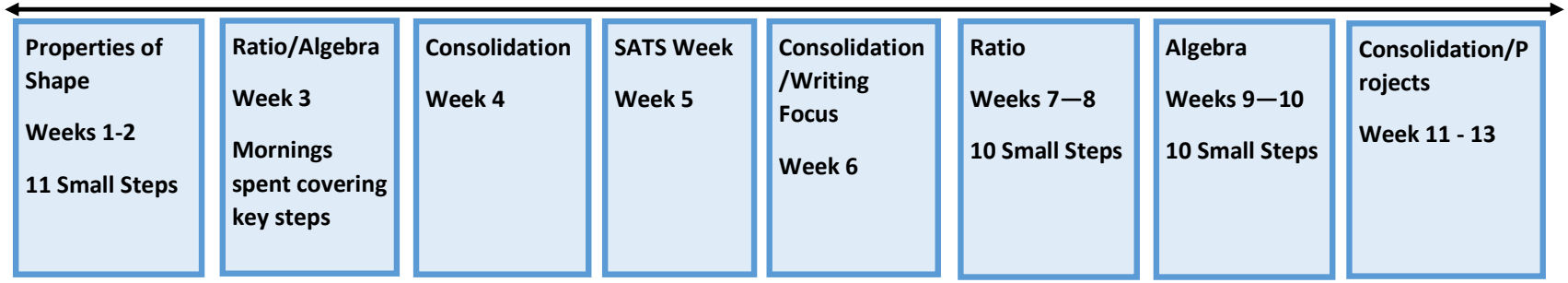
Y6 Autumn Term (15 weeks)



Y6 Spring Term (11 weeks)



Y6 Summer Term (13 weeks)



Autumn 1 New	**Week 1**	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**	**Week 8**
Units	**Number: place value**	**Number: place value**	**Number: place value**	**Number: addition, subtraction, multiplication, division.**	**Number: addition, subtraction, multiplication, division.**	**Number: addition, subtraction, multiplication, division.**	**Number: addition, subtraction, multiplication, division.**	**Number: addition, subtraction, multiplication, division.**
Lesson objectives (Small steps)	1) Numbers to a 1,000,000 **(NPV-2)** 2) Numbers to 10,000,000 **(NPV-2)** **(2 sessions)** This week will also have inset days so will be shorter	3) Read and write numbers to 10,000,000 **(NPV-2)** **(2 sessions)** 4) Power of 10 5) Number line to 10,000,000 **(NPV-2)** **(2 sessions)**	6) Compare and order any integers **(NPV-3)** **(2 sessions)** 7) Round any integer **(NPV-3)** **(2 sessions)** 8) Negative numbers **(NPV-3)**	1) Add and subtract integers **(2 sessions)** 2) Common factors 3) Common multiples 4) Rules of divisibility	5) Primes to 100 6) Square and cube numbers **(2 sessions)** 7) Multiply up to a 4-digit number by a 2-digit number **(2 sessions)**	8) Solve problems with multiplication **(2 sessions)** 9) Short division **(2 sessions)** 10) Division using factors	11) Introduction to long division **(2 sessions)** 12) Long division with remainders **(2 sessions)**	13) Solve problems with division **(2 sessions)** 14) Solve multi-step problems **(2 sessions)**
Vocabulary (Year group specific)	Calculate intervals Integer Millions Ten Million	Calculate intervals Integer Millions Ten Million	Calculate intervals Integer Millions Ten Million Negative numbers	Multi-digit number Long multiplication Divisibility	Multi-digit number Long multiplication	Multi-digit number Factors Long division	Multi-digit number Factors Long division	Multi-digit number Factors Long division
Previous years' Vocabulary	Powers of Rounding Ten Thousand One Hundred Thousand Integer	Powers of Rounding Ten Thousand One Hundred Thousand Integer	Powers of Rounding Ten Thousand One Hundred Thousand Integer	Multiples Factors Short division Remainders Decimals Product Operations Integers	Multiples Factors Short division Prime numbers Square Numbers Cube Numbers Remainders Decimals Product Operations Integers	Multiples Factors Short division Remainders Decimals Dividend Divisor Quotient Operations Integers	Multiples Factors Remainders Decimals Product Dividend Divisor Quotient Operations Integers	Multiples Factors Remainders Decimals Product Dividend Divisor Quotient Operations Integers

Autumn 2 New	**Week 1**	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**
Units	**Number: addition, subtraction, multiplication, division.**	**Number: Fractions A**	**Number: Fractions A**	**Number: Fractions A**	**Number: Fractions B**	**Number: Fractions B**	**Number: Fractions B**
Lesson objectives (Small steps)	15) Order of operations **(2 sessions)** 16) Mental calculation and estimation 17) Reason with known facts	1) Equivalent fractions and simplifying **(F-1) (2 sessions)** 2) Equivalent fractions on a number line **(F-1)** 3) Compare and order (denominator) **(F-2/3) (2 sessions)** If multiplication and division facts knowledge is strong you may wish to switch to step 2) having two sessions	4) Compare and order (numerator) **(F-2/3) (2 sessions)** 5) Add and subtract simple fractions 6) Add and subtract any two fractions **(2 sessions)**	7) Add mixed numbers **(2 sessions)** 8) Subtract mixed numbers **(2 sessions)** 9) Multi-step problems May wish to revisit step 9) during first lesson of week 5	1) Multiply fractions by integers **(2 sessions)** 2) Multiply fractions by fractions **(2 sessions)** 3) Divide a fraction by an integer **(2 sessions)**	3) Divide a fraction by an integer **(2nd session)** 4) Divide any fraction by an integer **(2 sessions)** 5) Mixed questions with fractions **(2 sessions)**	6) Fraction of an amount **(2 sessions)** 7) Fraction of an amount – find the whole **(2 sessions)**
Vocabulary (Year group specific)	Multi-digit number Factors Long division	Factors Integer	Factors Integer	Factors Integer	Factors Integer	Factors Integer	Factors Integer
Previous years Vocabulary	Multiples Factors Short division Remainders Decimals Product Dividend Divisor Quotient Operations	Fifth thousandths Convert Proper fractions Improper fractions Mixed numbers Equivalent fractions Multiples Simplifying Complements	Fifth thousandths Convert Proper fractions Improper fraction Mixed numbers Equivalent fractions Multiples Simplifying Complements	Fifth thousandths Convert Proper fractions Improper fraction Mixed numbers Equivalent fractions Multiples Simplifying Complements	fifth thousandths convert proper fractions Improper fractions mixed numbers Equivalent fractions multiples Simplifying Complements	Fifth thousandths Convert Proper fractions Improper fractions Mixed numbers Equivalent fractions Multiples Simplifying Complements	Fifth thousandths Convert Proper fractions Improper fractions Mixed numbers Equivalent fractions Multiples Simplifying Complements

Spring 1 New	Week 1	Week 2	Week 3	Week 2	Week 5	Week 6
Units	**Fractions Consolidation**	**Geometry: Position and direction.**	**Measurement: converting units**	**Number: Decimals**	**Number: Decimals**	**Number: Decimals**
Lesson objectives (Small steps)	This week can be used to consolidate any of the fraction's content that overran, or you would like to revisit It can also be used to start position and direction earlier if need be	1) The first quadrant 2) Read and plot points in four quadrants 3) Solve problems with coordinates 4) Translations 5) Reflections	1) Metric measures 2) Convert metric measures 3) Calculate with metric measures 4) Miles and kilometres 5) Imperial measures	1) Place value within 1 2) Place value – integers and decimals **(2 sessions)** 3) Round decimals **(2 sessions)**	4) Add and subtract decimals **(2 sessions)** 5) Multiply by 10, 100 and 1000 6) Divide by 10, 100 and 1000	7) Multiply decimals by integers **(2 sessions)** 8) Divide decimals by integers **(2 sessions)** 9) Multiply and divide decimals in context
Vocabulary (Year group specific)		Dimensions	Conversion Miles Formulae	Consolidate Y5 language	Consolidate Y5 language	Consolidate Y5 language
Previous years' Vocabulary		Vertically opposite angles Reflex angles Missing angles Degrees One whole turn Angles on straight line Angles around a point Parallelograms Regular polygon Irregular polygon Quadrilateral Dimensions Net	Decimal notation Scaling Metric units Imperial units Inches Pounds Pints	Fifth Thousandths Mixed numbers Per cent % Factors Integer Complements	Fifth Thousandths Mixed numbers Per cent % Factors Integer Complements	Fifth Thousandths Mixed numbers Per cent % Factors Integer Complements

Spring 2 New	Week 1	Week 2	Week 3	Week 4	Week 5
Units	**Number: Fractions, decimals and percentages**	**Number: Fractions, decimals and percentages**	**Number: Fractions, decimals and percentages**	**Measurement: Area, perimeter and volume.**	**Measurement: Area, perimeter and volume.**
Lesson objectives (Small steps)	1) Decimal and fraction equivalents **(2 sessions)** 2) Fractions as division 3) Understand percentages **(2 sessions)** **May want to only do one session on understanding percentages if children are confident and start fractions to percentages**	4) Fractions to percentages 5) Equivalent fractions, decimals and percentages **(2 sessions)** 6) Order fractions, decimals and percentages **(2 sessions)**	7) Percentage of an amount – one step 8) Percentage of an amount – multi-step **(2 sessions)** 9) Percentages - missing values **(2 sessions)**	1) Shapes – same area **(G-1)** 2) Area and perimeter **(G-1)** 3) Area of a triangle – counting squares **(G-1)** 4) Area of a right-angle triangle **(G-1)**	5) Area of any triangle **(G-1)** 6) Area of parallelogram **(G-1)** 7) Volume – counting cubes 8) Volume of a cuboid
Vocabulary (Year group specific)	Consolidate Y5 language	Consolidate Y5 language	Consolidate Y5 language	Formulae	Formulae Parallelograms Cubic metres Cubic millimetres Cubic kilometres
Previous years' Vocabulary	Fifth Thousandths Mixed numbers Per cent % Factors Integer Complements	Fifth Thousandths Mixed numbers Per cent % Factors Integer Complements	Fifth Thousandths Mixed numbers Per cent % Factors Integer Complements	Scaling Composite rectilinear shape Irregular shapes Square centimetres Square metres	Cubic centimetres

Summer 1	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Units	**Geometry: Properties of shape.**	**Geometry: Properties of shape.**	**Ratio/Algebra Week**	**SATS Revision**	**SATS Week**	**Writing Focus Week**
Lesson objectives (Small steps)	1) Measure and classify angles **(G-1)** 2) Calculate angles **(G-1)** 3) Vertically opposite angles **(G-1)** 4) Angles in a triangle **(G-1)** 5) Angles in a triangle – special cases **(G-1)**	6) Angles in a triangle – missing angles **(G-1)** 7) Angles in quadrilaterals **(G-1)** 8) Angles in polygons **(G-1)** 9) Circles 10) Draw shapes accurately **(G-1)** 11) Nets of 3-D shapes **(G-1)** **Six small steps here so additional lesson may be needed or combining of two small steps**	This is where you can do entire morning on Ratio and Algebra as well as to complete Geometry if need be: Properties of shape if need be. **Essential Steps for Algebra:** 4) – 6) 7) – 9) However these can be combined and taught over a morning or two. **Essential Steps for Ratio:** Ratio is hard to teach in a morning, however briefly looking at steps 8, 9 and 10 will help at least expose children to it that haven't done this in booster's so they can potentially access questions			This week is often used for a focus on writing, especially for those schools chosen for moderation. Therefore, there is no taught content in these weeks.
Vocabulary (Year group specific)	Radius Diameter Circumference Dimensions	Four quadrants Co-ordinate plane				
Previous years' Vocabulary	Vertically opposite angles Reflex angles Missing angles Degrees One whole turn Angles on straight line Angles around a point Parallelograms Regular polygon Irregular polygon Quadrilateral Dimensions Net	Reflection Axis				

Summer 2	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Units	**Number: Ratio**	**Number: Ratio**	**Number: Algebra**	**Number: Algebra**	**Themed projects, consolidation and problem solving**		
Lesson objectives (Small steps)	1) Add or multiply? **(MD-3)** 2) Using ratio language **(MD-3)** 3) Introducing the ratio symbol **(MD-3)** 4) Ratio and fractions **(MD-3)** 5) Scale drawing **(MD-3)**	6) Use scale factors **(MD-3)** 7) Similar shapes **(MD-3)** 8) Ratio problems **(MD-3)** 9) Proportion problems **(MD-3)** 10) Recipes **Extend into last 3 weeks if necessary**	1) 1-step function machines 2) 2-step function machines 3) Form expressions 4) Substitution 5) Formulae	6) Form equations 7) Solve 1-step equations 8) Solve 2-step equations 9) Find pairs of values **(MD-4)** 10) Solve Problems with two unknows **(MD-4)** **Extend into last 3 weeks if necessary**	These weeks are to be used as a reflection on the year and an opportunity for concepts to be revisited and extended in preparation for KS3. Also revisit and consolidate any areas not covered in detail from geometry – focus on ready to progress statements. Also missed Statistics Small step on drawing pie charts They can also be used to embed aspects of reasoning and problem solving and carry out any transitional maths projects.		
Vocabulary (Year group specific)	Relative size Missing values Integer multiplication Percentages Scale factor Unequal sharing and grouping.	Relative size Missing values Integer multiplication Percentages Scale factor Unequal sharing and grouping.	Formulae Linear number sequences Algebraically Equation Unknowns Combinations Variables	Formulae Linear number sequences Algebraically Equation Unknowns Combinations Variables			
Previous years' Vocabulary	N/A	N/A	N/A	N/A			