

Year 5	Year 6
Week 1: Fractions: Comparing and Ordering	
<p><i>WR Year 5: Compare and Order Fractions (less than 1)</i></p> <p><i>WR Year 5: Compare and Order Fractions (more than 1)</i></p> <p><i>WR Year 5: Subtract Fractions (different denominators, multiples of the same number)</i></p> <p>Add and Subtract Fractions</p> <p><i>WR Year 5: Add and Subtract Fractions (same denominator)</i></p> <p><i>WR Year 5: Add Fractions Within 1 (different denominators, multiples of the same number)</i></p>	<p>Fractions; Adding and Subtracting</p> <p>Compare and Order Fractions</p> <p><i>WR Year 6: Compare and Order (denominators)</i></p> <p><i>WR Year 6: Compare and Order (numerators)</i></p> <p>Add and Subtract Fractions</p> <p><i>WR Year 6: Add and Subtract Fractions 1 (different denominators, multiples of the same number)</i></p> <p><i>WR Year 6: Add and Subtract Fractions 2 (different denominators, not multiples of the same number)</i></p>
Skills focus: Add and Subtract Fractions	
Week 2: Fractions: Adding and Subtracting	
<p>Add and Subtract Fractions</p> <p><i>WR Year 5: Add 3 or More Fractions (different denominators, multiples of the same number)</i></p> <p><i>WR Year 5: Add Mixed Numbers</i></p> <p><i>WR Year 5: Subtract 2 Mixed Numbers</i></p> <p><i>WR Year 5: Subtract Mixed Numbers 1, 2</i></p>	<p>Add and Subtract Fractions</p> <p><i>WR Year 6: Add Fractions (mixed numbers)</i></p> <p><i>WR Year 6: Mixed Addition and Subtraction</i></p> <p><i>WR Year 6: Subtract Fractions (mixed numbers)</i></p>
Skills focus: Fractions consolidation	
Week 3: Fractions: Multiplying	
<p>Multiplying Fractions</p> <p><i>WR Year 5: Multiply Fractions by an Integer 1 (unit fractions)</i></p> <p><i>WR Year 5: Multiply Fractions by an Integer 2 (non-unit fractions)</i></p> <p><i>WR Year 5: Multiply Fractions by an Integer 3 (mixed numbers)</i></p>	<p>Multiply fractions consolidation and problem solving.</p> <p><i>WR Year 6: Multiply Fractions by an Integer (fractions and mixed numbers)</i></p> <p><i>WR Year 6: Multiply Fractions by Fractions</i></p>
Skills focus: Four rules: written methods	
Week 4: Fractions: Dividing; Fractions of an Amount	
<p>Finding Fractions of a Quantity/Amount</p> <p><i>WR Year 5: Calculate Fractions of a Quantity</i></p> <p><i>WR Year 5: Calculating Fractions of an Amount</i></p>	<p>Dividing Fractions</p> <p><i>WR Year 6: Divide Fractions by an Integer 1</i></p> <p><i>WR Year 6: Divide Fractions by an Integer 2</i></p> <p><i>WR Year 6: Four Rules with Fractions</i></p>

<p><i>WR Year 5: Using Fractions as Operators</i></p> <p>Assessment: WR End of Unit Assessment</p>	<p>Fractions of an Amount</p> <p><i>WR Year 6: Fractions of an Amount</i></p> <p><i>WR Year 6: Fractions of an Amount: Find the Whole</i></p>
<p>Skills Focus: Four rules: written methods</p>	
<p>Week 5: Decimals</p>	
<p>Decimals</p> <p><i>WR Year 5: Decimals up to 2dp</i></p> <p>Thousandths</p> <p><i>WR Year 5: Understanding Thousandths</i></p> <p><i>WR Year 5: Thousandths as Decimals</i></p> <p>Decimals as Fractions</p> <p><i>WR Year 5: Decimals as Fractions</i></p>	<p>Decimals</p> <p><i>WR Year 6: Decimals up to 3dp</i></p> <p>Multiplying and Dividing by 10, 100, 1000</p> <p><i>WR Year 6: Multiplying by 10, 100, 1000</i></p> <p><i>WR Year 6: Dividing by 10, 100, 1000</i></p> <p>Division Problems with Decimal Answers</p> <p><i>WR Year 6: Division to Solve Problems</i></p> <p>Decimals as Fractions</p> <p><i>WR Year 6: Decimals as Fractions</i></p> <p>Dividing Decimals</p> <p><i>WR Year 6: Dividing Decimals by Integers</i></p>
<p>Skills Focus: Fractions consolidation</p>	
<p>Week 6: Decimals and Percentages</p>	
<p>Ordering and Comparing Decimals</p> <p><i>WR Year 5: Ordering and Comparing Decimals</i></p> <p>Rounding Decimals</p> <p><i>WR Year 5: Rounding Decimals</i></p> <p>Percentages</p> <p><i>WR Year 5: Understanding Percentages</i></p> <p><i>WR Year 5: Percentages as Fractions</i></p>	<p>Converting Fractions to Decimals</p> <p><i>WR Year 6: Fractions to Decimals 1</i></p> <p><i>WR Year 6: Fractions to Decimals 2</i></p> <p>Percentages</p> <p><i>WR Year 6: Fractions to Percentages</i></p>
<p>Skills Focus: Mental maths</p>	
<p>Week 7: Fractions, Decimals, Percentages</p>	
<p>Equivalent Fractions, Decimals and Percentages</p> <p><i>WR Year 5: Equivalent FDP</i></p> <p>Percentages of an Amount</p> <p><i>WR Year 6: Percentage of an Amount 1</i></p> <p><i>WR Year 6: Percentage of an Amount 2</i></p>	<p>Equivalent Fractions, Decimals and Percentages</p> <p><i>WR Year 6: Equivalent FDP</i></p> <p><i>WR Year 6: Order FDP</i></p> <p>Percentages Problem Solving</p> <p><i>WR Year 6: Percentages Missing Values</i></p>
<p>Skills Focus: Fractions, Decimals, Percentages</p>	

Previous mathematical learning is revised, and mental maths skills practised daily in 'Flashback', 'Fluent in 5' or 'Times Tables Fluency' starter sessions.

Consolidation Skills Focus (based on DfE Ready to Progress Criteria for Year 4/5)

Ready to Progress from Year 4 to 5	Ready to Progress from Year 5 to 6
Number and Place Value	
Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100.	Know that 10 tenths are equivalent to 1 one, and that 1 is 10 times the size of 0.1. Know that 100 hundredths are equivalent to 1 one, and that 1 is 100 times the size of 0.01. Know that 10 hundredths are equivalent to 1 tenth, and that 0.1 is 10 times the size of 0.01.
Recognise place value of each digit in 4 digit numbers and compose and decompose four-digit numbers using standard and non-standard partitioning.	Recognise the place value of each digit in numbers with up to 2 decimal places, and compose and decompose numbers with up to 2 decimal places using standard and non-standard partitioning.
Reason about the location of any four-digit number in the linear number system, including identifying the previous and next multiple of 1,000 and 100.	Reason about the location of any number with up to 2 decimals places in the linear number system, including identifying the previous and next multiple of 1 and 0.1.
Rounding to the nearest 10, 100, 1000.	Rounding to the nearest 1 and 0.1.
Divide 100/1,000 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 100/1,000 with 2, 4, 5 and 10 equal parts.	Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts.
	Convert between units of measure, including using common decimals and fractions.
Addition and Subtraction	
Secure fluency in addition and subtraction facts within/bridging 10 (Year 3 RtP).	
Add and subtract 1s, 10s or 100s, 1000s to/from a 4 digit number.	
Add and subtract up to four-digit numbers using columnar methods.	
Manipulate the additive relationship: Understand the inverse relationship between addition and subtraction, and how both relate to the part-part-whole structure. Understand and use the commutative property of addition and understand the related property for subtraction. Number fact families: addition and subtraction e.g. $2 + 3 = 5$; $5 - 3 = 2$ etc. (Year 3 RtP).	
Multiplication and Division	
Recall multiplication and division facts up to 12×12 and recognise products in multiplication tables as multiples of the corresponding number.	Secure fluency in multiplication table facts, and corresponding division facts, through continued practice.
Count in multiples of 2, 5, 10, 100, 3, 4, 8, 50 (Year 3 RtP), 25.	
Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 10, 100).	Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth).

Apply known multiplication and division facts to solve contextual problems with different structures, including quotative and partitive division (Year 3 R+P) Multiply and divide whole numbers by 10 and 100 (keeping to whole number quotients); understand this as equivalent to making a number 10 or 100 times the size.	Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size.
Number fact families: multiplication and division e.g. $2 \times 3 = 6$; $6 \div 3 = 2$ (Year 3 R+P). Manipulate multiplication and division equations and understand and apply the commutative property of multiplication.	Find factors and multiples of positive whole numbers, including common factors and common multiples, and express a given number as a product of 2 or 3 factors.
Understand and apply the distributive property of multiplication.	Multiply any whole number with up to 4 digits by any one-digit number using a formal written method.
Solve division problems, with two-digit dividends and one-digit divisors, that involve remainders, and interpret remainders appropriately according to the context.	Divide a number with up to 4 digits by a one-digit number using a formal written method, and interpret remainders appropriately for the context.
Fractions	
Find unit fractions of quantities using known division facts (multiplication tables fluency) (Year 3 R+P).	Find non-unit fractions of quantities.
Reason about the location of any fraction within 1 in the linear number system (Year 3 R+P). Reason about the location of mixed numbers in the linear number system.	
Convert mixed numbers to improper fractions and vice versa.	Find equivalent fractions and understand that they have the same value and the same position in the linear number system.
Add and subtract improper and mixed fractions with the same denominator, including bridging whole numbers.	Recall decimal fraction equivalents for $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$ and $\frac{1}{10}$, and for multiples of these proper fractions.