Hockney Class - Maths Medium Term Plan - 2023

Autumn Term 1 and 2
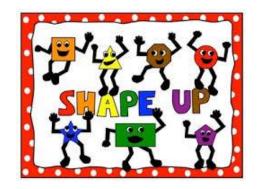
Autumn Term 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Place Value	**Place Value**	**Place Value**	**Place Value/ Addition and Subtraction**	**Addition and Subtraction**	**Addition and Subtraction**	**Multiplication and Division**	**Multiplication and Division**
Year 5: Roman numerals to 1000 Numbers to 10,000 Numbers to 100,000 Numbers to 1,000,000	**Year 5:** Read and write numbers to 1,000,000 Powers of 10 10/100/1,000/10,000 1000,000 more or less Partition numbers to 1,000,000	**Year 5:** Number line up to 1,000,000 Compare and order numbers to 100,000 Compare and order numbers to 1,000,000 Round to the nearest 10, 100 and 1000	**Year 5:** Round within 100,000 Round within 1,000,000 Place Value – end of block assessment Mental strategies	**Year 5:** Add whole numbers with more than four digits Subtract whole numbers with more than four digits Round to check answers Inverse operations	**Year 5:** Multi-step addition and subtraction problems Compare calculations Find missing numbers Addition and subtraction – end of block assessment	**Year 5:** Multiples Common multiples Factors Common factors	**Year 5:** Prime numbers Square numbers Cube numbers Multiply by 10, 100 and 1,000

Place Value	Place Value	Addition, Subtraction, Multiplication and Division	Addition, Subtraction, Multiplication and Division	Addition, Subtraction, Multiplication and Division	Addition, Subtraction, Multiplication and Division	Addition, Subtraction, Multiplication and Division	Fractions
Year 6: Numbers to a million Numbers to 10 million Read and write numbers to 10 million Powers of 10	**Year 6:** Number line to 10,000,000 Compare and order any integers Round any integer Negative numbers	**Year 6:** **Place Value – end of block assessment** Add and subtract integers Common factors Common multiples	**Year 6:** Rules of divisibility Primes to 100 Square and cube numbers Multiply up to a 4-digit number by a 2-digit number	**Year 6:** Solve problems with multiplication Short division Division using factors Introduction to long division	**Year 6:** Long division with remainders Solve problems with division Solve multi-step problems Order of operations	**Year 6:** Mental calculations and estimation Reason from known facts **Addition, Subtraction, Multiplication and Division – end of block assessment** Equivalent fractions and simplifying	**Year 6:** Equivalent fractions on a number line Compare and order (denominator) Compare and order (numerator) Add and subtract simple fractions

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Autumn Term 1 and 2

Autumn Term 2

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Multiplication and Division	**Fractions**	**Fractions**	**Fractions**	**Fractions**	**Multiplication and Division**	**Multiplication and Division**
Year 5:	**Year 5:**	**Year 5:**	**Year 5:**	**Year 5:**	**Year 5:**	**Year 5:**
Divide by 10, 100 and 1,000	Find fractions equivalent to a non-unit fraction	Compare fractions less than 1	Add fractions within 1	Subtract fractions	==Fractions – end of block assessment==	Multiply a 3-digit number by a 2-digit number
Multiples of 10, 100 and 1,000	Recognise equivalent fractions	Order fractions less than 1	Add fractions with a total greater than 1	Subtract from a mixed number	Multiply up to a 4-digit number by a 1-digit number	Multiply a 4-digit number by a 2-digit number
==Multiplication and Division – end of block assessment==	Convert improper fractions to mixed numbers	Compare and order fractions greater than 1	Add to a mixed number	Subtract from a mixed number – breaking the whole	Multiply a 2-digit number by a 2-digit number (area model)	Solve problems with multiplication
Find fractions equivalent to a unit fraction	Convert mixed numbers to improper fractions	Add and subtract fractions with the same denominator	Add two mixed numbers	Subtract two mixed numbers	Multiply a 2-digit number by a 2-digit number	Short division

Fractions	Fractions	Fractions	Measurement	Measurement	Ratio	Ratio
Year 6:	**Year 6:**	**Year 6:**	**Year 6:**	**Year 6:**	**Year 6:**	**Year 6:**
Add and subtract any two fractions	==**Fractions – end of block assessment**==	Mixed questions with fractions	Metric measures	Imperial measures	Introduction to the ratio symbol	Similar shapes
Add missed numbers	Multiply fractions by integers	Fraction of an amount	Convert metric measures	==**Measurement – end of block assessment**==	Ratio and fractions	Ratio problems
Subtract mixed numbers	Divide a fraction by an integer	Fraction of an amount – find the whole	Calculate with metric measures	Add or multiply?	Scale drawing	Proportion problems
Multi-step problems	Divide any fraction by an integer	==**Fractions – end of block assessment**==	Miles and kilometres	Use ratio language	Use scale factors	Recipes