Mapperley Plains Primary School

Mathematics - Yearly Overview Year 5/6 and 6

Autumn 1 (7 weeks)	WK 1 Baseline assessments – teacher set tasks	WK 2 Number Place value 1. Numbers to 10,000 and 100,000 2. Numbers to 1,00,000 and 10,000,000 3. Ordering and comparing 4. Ordering and comparing 5. Arithmetic	WK 3 Number Place value 1. Rounding to 10,100 and 1000 2. Rounding to 10,000, 100,000 and 1 million. 3. Roman numerals 4. Negative numbers 5. Arithmetic	WK 4 Number Addition 1. Two 4 digit numbers one exchange 2. Two 4 digit numbers more than one exchange 3. More than 4 digits 4. Problem solving 5. Arithmetic	WK 5 Number Subtraction 1. Subtract two 4 digit numbers one exchange 2. Subtract two 4 digit numbers more than one exchange 3. Subtract larger values 4. Problem solving 5. Arithmetic	WK 6 Number Multiplication 1. Multiply 2, 3 and 4 digits by 1 digit 2. Multiply 2 digits by 2 digits 3. Multiply 2 digits by 2 digits 4. Problem solving 5. Arithmetic	WK 7 Number Multiplication 1. Multiply 3 and 4 digits by 2 digits 2. Multiply larger values 3. Testbase Appliction 4. Testbase application 5. Arithmetic
Autumn 2 (7 weeks)	WK 1 Number Division 1. Divide 2, 3 and 4 digit values by 1 digit values 2. Divide 3 and 4 digit values by 2 digit values 3. Divide with remainders 4. Divide with remainders 5. Arithmetic	WK 2 Number Division 1. Divide with remainders as decimals 2. Long division 3. Problem solving 4. Testbase application 5. Arithmetic	WK 3 Number Properties 1. Factors and common factors 2. Multiples and common multiples 3. Square and cube numbers 4. Prime numbers 5. Arithmetic	WK 4 Fractions 1. Equivalent fractions 2. Simplifying fractions 3. Comparing fractions 4. Ordering fractions 5. Arithmetic	WK 5 Fractions 1. Add fractions with the same denominator 2. Add fractions with different denominators 3. Subtract fractions with the same denominator 4. Add fractions with the same denominator 5. Arithmetic	WK 6 Fractions 1. Subtract mixed numbers 2. Add three or more fractions 3. Fractions of amounts 4. Fractions of amounts 5. Arithmetic	WK 7 Fractions 1. Multiply fractions by whole numbers 2. Multiply mixed numbers by whole numbers 3. Multiply fractions by fractions 4. Divide fractions 5. Arithmetic
Spring 1 (6 weeks)	WK 1 Decimals	WK 2 Decimals	WK 3 Percentages	WK 4 F, D, P	WK 5 Time	WK 6 Algebra	

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	1. Decimals to 2dp. 2. Decimals to 3dp 3. Rounding decimals 4. Ordering and comparing decimals 5. Arithmetic	1. Multiply decimals by 10,100 and 1000 2. Divide decimals by 10, 100 and 1000. 3. Multiply decimals by whole numbers 4. Divide decimals by whole numbers 5. Arithmetic	1. Understand percentages 2. Find percentages of amounts 3. Find percentages of amounts 4. Equivalent fractions, decimals and percentages 5. Arithmetic	1. Convert decimals to fractions 2. Convert fractions to decimals 3. Convert fractions to percentages 4. Order fractions decimals and percentages Arithmetic	1. Time 2. Timetables 3. Problem solving 4. Testbase 5. Arithmetic	1. One step problems 2. Two step problems 3. Forming expressions 4. Substitution 5. Arithmetic
Spring 2 (6 weeks)	WK 1 Position and Direction 1. Position and direction first quadrant 2. Position and direction second quadrant 3. Translation 4. Reflection 5. Arithmetic	WK 2 Shape 1. 2D shapes 2. 3D shapes 3. Circles 4. Scale factor 5. Ratio	WK 3 Area and Perimeter 1. Perimeter 2. Area counting squares 3. Area of compound shapes 4. Area of a triangle 5. Arithmetic	WK 4 Angles 1. Angles on a line and around a point 2. Angles in a triangle 3. Missing angles 4. Measuring angles 5. Arithmetic	WK 5 Ratio 1. Using ratio language 2. Ratio sumbol 3. Ratio and fractions 4. Scale factors 5. Arithmetic	WK 6 Volume/ Measures 1. Volume 2. Compare lengths and heights 3. Measure length 4. Problem solving involving mm,cm, m, km and Miles 5. Arithmetic
Summer 1 (6 weeks)	WK 1 Statistics	WK 2 SATS Preparation	WK 3 SATS week	WK 4 Revisit topics	WK 5 Revisit topics	WK 6 Revisit topics

	1. Mode, Median and Range 2. Mean 3. Bar charts and pictograms 4. Line graphs 5. Pie charts								
Summer 2 (7 ½ weeks)	WK 1 Consolidation of learning and investigations	WK 2 Consolidation of learning and investigations	WK 3 Consolidation of learning and investigations	WK 4 Assessment Week	WK 5 Consolidation of learning and investigations	WK 6 Consolidation of learning and investigations	WK 7 Consolidation of learning and investigations	WK 8 Consolidation of learning and investigations	