Year 4-5 Autumn Term

Medium Term Plan 2021/22

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| --- | --- | --- | --- |
| Week | Day | Y4 Place Value | Y5 Place Value |
| 1  23/8 | Mon | Teacher | Day |
| Tue | Teacher | Day |
| Wed | Classroom | Organisation |
| Thu | Settling | In |
| Fri | Display | Work |
| 2  30/8 | Mon | Round to the nearest 10 | Numbers to 10,000 |
| Tue | Round to the nearest 100 | Rounding to 10, 100 or 1,000 |
| Wed | Count in 1000s | Numbers to 100,000 |
| Thu | 1000s, 100s, 10s and 1s | Numbers to a million |
| Fri | Consolidation | Counting in 10s, 100s, 1,000s, 10,000s and 100,000s |
| 3  6/9 | Mon | Partitioning | Round numbers within 100,000 |
| Tue | The number line to 10,000 | Round numbers to one million |
| Wed | 1,000 more or less | Consolidation |
| Thu | Compare 4-digit numbers | Compare and order numbers to 100,000 |
| Fri | Order numbers | Compare and order numbers to one million |
| 4  13/9 | Mon | Round to the nearest 1,000 | Consolidation |
| Tue | Count in 25s | Count in 25s (Use Y4) |
| Wed | Negative numbers | Negative numbers |
| Thu | Roman numerals | Roman numerals |
| Fri | End of Block Assessment | End of Block Assessment |

Year 4-5 Autumn Term

Medium Term Plan 2021/22

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Day | Y4 +/- and x/÷ | Y5 +/- and x/÷ |
| 5  20/9 | Mon | Add and subtract 1s, 10s, 100s and 1,000s | Add and subtract 1s, 10s, 100s and 1,000s |
| Tue | Add two 4-digit numbers - no exchange | Add two 4-digit numbers - no Exchange (Use Y4) |
| Wed | Add two 4-digit numbers - one exchange | Add two 4-digit numbers - one exchange Recap |
| Thu | Add two 4-digit numbers - more than one exchange | Add two 4-digit numbers - more than one exchange Recap |
| Fri | Consolidation | Add whole numbers with more than 4 digits |
| 6  27/9 | Mon | Subtract two 4-digit numbers - no exchange | Subtract two 4-digit numbers - no exchange (Use Y4) |
| Tue | Subtract a 3-digit number from a 3-digit number – exchange | Subtract a 3-digit number from a 3-digit number – exchange (Use Y4) |
| Wed | Subtract two 4-digit numbers - one exchange | Subtract two 4-digit numbers – one exchange |
| Thu | Subtract two 4-digit numbers - more than one exchange | Subtract two 4-digit numbers – more than one exchange |
| Fri | Efficient Subtraction | Multi-step addition and subtraction problems |
| 7  4/10 | Mon | Estimate answers | Round to estimate and approximate |
| Tue | Checking strategies | Inverse operations (addition and subtraction) |
| Wed | End of Block Assessment | End of Block Assessment |
| Thu | Multiply by 10 | Multiply by 10 Recap |
| Fri | Multiply by 100 | Multiply by 100 Recap |
| 8  11/10 | Mon | Multiply by 1 and 0 | Multiply by 10, 100 and 1,000 |
| Tue | Divide by 10 | Divide by 10 Recap |
| Wed | Divide by 100 | Divide by 100 Recap |
| Thu | Divide by 1 and itself | Divide by 10, 100 and 1,000 |
| Fri | Consolidation/arithmetic/other | Factors |

Year 4-5 Autumn Term

Medium Term Plan 2021/22

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Day | Y4 x/÷ and length, perimeter and area | Y5 x/÷ and length, perimeter and area |
| 9  25/10 | Mon | Factor Pairs | Common factors |
| Tue | Multiply and divide by 6 | Multiples |
| Wed | 6 times-table and division facts | Multiples of 10, 100 and 1,000 |
| Thu | Multiply and divide by 9 | Consolidate factors and multiples |
| Fri | Consolidation/arithmetic/other | Consolidation/arithmetic/other |
| 10  1/11 | Mon | 9 times-table and division facts | Prime numbers |
| Tue | Multiply and divide by 7 | Square numbers |
| Wed | 7 times-table and division facts | Cube numbers |
| Thu | End of Block Assessment | End of Block Assessment |
| Fri | Consolidation/arithmetic/other | Consolidation/arithmetic/other |
| 11  8/11 | Mon | Equivalent lengths - m and cm Recap | Equivalent lengths - m and cm (Use Y4) |
| Tue | Equivalent lengths - mm and cm Recap | Equivalent lengths - mm and cm (Use Y4) |
| Wed | Kilometres | Kilometres (Use Y4) |
| Thu | Perimeter of a rectangle | Measure perimeter |
| Fri | Consolidation/arithmetic/other | Perimeter on a grid |
| 12  15/11 | Mon | Perimeter of rectilinear shapes | Perimeter of a rectangle Recap |
| Tue | What is area? | Perimeter of rectilinear shapes Recap |
| Wed | Counting squares | Calculate perimeter |
| Thu | Making shapes | Counting squares Recap |
| Fri | TEACHER | DAY |

Year 4-5 Autumn Term

Medium Term Plan 2021/22

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| --- | --- | --- | --- |
| Week | Day | Y4 Length Area and Perimeter | Y5 Length Area and Perimeter |
| 13  22/11 | Mon | Comparing area | Area of rectangles |
| Tue | Consolidate area and perimeter | Area of compound shapes |
| Wed | Consolidation | Area of irregular shapes |
| Thu | End of Block Assessment | End of Block Assessment |
| Fri | Consolidation | Consolidation |
| 14  29/11 | Mon | Activity week – Themed to link to learning | Activity week – Themed to link to learning |
| Tue | Activity week – Themed to link to learning | Activity week – Themed to link to learning |
| Wed | Activity week – Themed to link to learning | Activity week – Themed to link to learning |
| Thu | Activity week – Themed to link to learning | Activity week – Themed to link to learning |
| Fri | Activity week – Themed to link to learning | Activity week – Themed to link to learning |
| 15  6/12 | Mon | NFER | NFER |
| Tue | NFER | NFER |
| Wed | NFER | NFER |
| Thu | Consolidation | Consolidation |
| Fri | Consolidation | Consolidation |
| 16  13/12 | Mon | NFER Gaps analysis | NFER Gaps analysis |
| Tue | NFER Gaps analysis | NFER Gaps analysis |
| Wed | NFER Gaps analysis | NFER Gaps analysis |
| Thu | NFER Gaps analysis | NFER Gaps analysis |
| Fri | NFER Gaps analysis | NFER Gaps analysis |

Year 4-5 Spring Term

Medium Term Plan 2021/22

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Day | Y4 x/÷ and Fractions | Y5 x/÷ and Fractions |
| 1  10/1 | Mon | Consolidation | Consolidation |
| Tue | Multiply 2-digits by 1-digit | Multiply 2-digits by 1-digit |
| Wed | Multiply 3-digits by 1-digit | Multiply 3-digits by 1-digit |
| Thu | 11 and 12 times-table | Multiply 4-digits by 1 digit |
| Fri | Multiply 3 numbers | Multiply 2-digits (area model) |
| 2  17/1 | Mon | Written methods | Written methods Recap |
| Tue | Multiply 2-digits by 1-digit Recap | Multiply 3-digits by 2-digits |
| Wed | Multiply 2-digits by 1-digit | Multiply 4-digits by 2-digits (basic practice) |
| Thu | Multiply 3-digits by 1-digit | Multiply 4-digits by 2-digits |
| Fri | Divide 2-digits by 1-digit Recap | Divide 2-digits by 1-digit (1) Recap |
| 3  24/1 | Mon | Divide 2-digits by 1-digit (1) | Divide 2-digits by 1-digit (2) Recap |
| Tue | Divide 2-digits by 1-digit (2) | Divide 3-digits by 1-digit Recap |
| Wed | Divide 3-digits by 1-digit | Divide 4-digits by 1-digit |
| Thu | Correspondence problems | Divide with remainders |
| Fri | End of Block Assessment | End of Block Assessment |
| 4  31/1 | Mon | Unit and non-unit fractions | Unit and non-unit fractions Recap |
| Tue | What is a fraction? | What is a fraction? |
| Wed | Equivalent fractions (1) | Equivalent fractions (1) Recap |
| Thu | Equivalent fractions (2) | Equivalent fractions |
| Fri | Fractions greater than 1 | Fractions greater than 1 Recap |

Year 4-5 Spring Term

Medium Term Plan 2021/22

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Day | Y4 Fractions | Y5 Fractions |
| 5  7/2 | Mon | Count in fractions | Improper fractions to mixed numbers |
| Tue | Fractions on a number line Recap | Mixed numbers to improper fractions |
| Wed | Compare fractions Recap | Number sequences |
| Thu | Order fractions Recap | Compare and order fractions less than 1 |
| Fri | Consolidation | Order fractions greater than 1 |
| 6  21/2 | Mon | Making the whole Recap | Add and subtract fractions |
| Tue | Add fractions Recap | Add fractions within 1 |
| Wed | Add 2 or more fractions | Add 3 or more fractions |
| Thu | Consolidation | Add fractions |
| Fri | Consolidation | Add mixed numbers |
| 7  28/2 | Mon | Subtract fractions Recap | Subtract fractions |
| Tue | Subtract 2 fractions | Subtract mixed numbers |
| Wed | Add and subtract fractions (Use Y5) | Subtraction – breaking the whole |
| Thu | Tenths | Subtract 2 mixed numbers |
| Fri | Count in tenths | Multiply unit fractions by an integer |
| 8  7/3 | Mon | Fractions of a set of objects (1) Recap | Multiply non-unit fractions by an integer |
| Tue | Fractions of a set of objects (2) Recap | Multiply mixed numbers by integers |
| Wed | Calculate fractions of a quantity | Fractions of an amount |
| Thu | Problem solving – calculate quantities | Fraction problem solving |
| Fri | End of Block Assessment | End of Block Assessment |

Year 4-5 Spring Term

Medium Term Plan 2021/22

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Day | Y4 Decimals | Y5 Decimals and % |
| 9  14/3 | Mon | Recognise tenths and hundredths | Recognise tenths and hundredths Recap |
| Tue | Tenths are decimals | Tenths are decimals Recap |
| Wed | Tenths on a place value grid | Tenths on a place value grid Recap |
| Thu | Tenths on a number line | Decimals up to 2 d.p. |
| Fri | Divide 1-digit by 10 | Decimals as fractions (1) |
| 10  21/3 | Mon | Divide 2-digits by 10 | Decimals as fractions (2) |
| Tue | Hundredths | Understand thousandths |
| Wed | Hundredths as decimals | Thousandths as decimals |
| Thu | Hundredths on a place value grid | Understand percentages |
| Fri | Divide 1 or 2-digits by 100 | Percentages as fractions and decimals |
| 11  28/3 | Mon | NFER | NFER |
| Tue | NFER | NFER |
| Wed | NFER | NFER |
| Thu | Consolidation | Equivalent F.D.P |
| Fri | End of Block Assessment | End of Block Assessment |
| 12  4/4 | Mon | Bonds to 10 and 100 Recap | Bonds to 10 and 100 (Use Y4) |
| Tue | Make a whole | Complements to 1 |
| Wed | Write decimals activity | Adding decimals within 1 |
| Thu | Write decimals | Subtracting decimals within 1 |
| Fri | Compare decimals | Compare decimals (Use Y4) |

Year 4-5 Summer Term

Medium Term Plan 2021/22

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Day | Y4 Decimals, Money and Statistics | Y5 Decimals and %, Statistics |
| 1  25/4 | Mon | Order decimals | Order and compare decimals |
| Tue | Round decimals | Round decimals |
| Wed | Halves and quarters | Adding decimals – crossing the whole |
| Thu | End of Block Assessment | Adding decimals with the same number of decimal places |
| Fri | Consolidation | Subtracting decimals with the same number of decimal places |
| 2  2/5 | Mon | BANK | HOLIDAY |
| Tue | Pounds and pence | Add & subtract decimals, same number of decimal places – problem solving |
| Wed | Ordering money | Adding decimals with a different number of decimal places |
| Thu | Estimating money | Subtracting decimals with a different number of decimal places |
| Fri | Convert pounds and pence Recap | Consolidation |
| 3  7/5 | Mon | Add money Recap | Adding and subtracting decimals with different number of decimal places |
| Tue | Subtract money Recap | Decimal sequences |
| Wed | Find change Recap | Multiplying decimals by 10, 100 and 1,000 |
| Thu | Four Operations Recap | Dividing decimals by 10, 100 and 1,000 |
| Fri | End of Block Assessment | End of Block Assessment |
| 4  12/5 | Mon | Interpret charts | Interpret charts Recap |
| Tue | Comparison, sum and difference | Comparison, sum and difference Recap |
| Wed | Introducing line graphs | Introducing line graphs Recap |
| Thu | Line graphs | Read and interpret line graphs |
| Fri | End of Block Assessment | Draw line graphs |

Year 4-5 Summer Term

Medium Term Plan 2021/22

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Day | Y4 Time, Shape/position and Direction | Y5 Statistics, Measurement – converting units and Shape/position and direction |
| 5  23/5 | Mon | Telling the time to 5 minutes Recap | Use line graphs to solve problems |
| Tue | Telling the time to the minute Recap | Read and interpret tables |
| Wed | Using a.m. and p.m Recap | Two-way tables |
| Thu | 24-hour clock Recap | Timetables |
| Fri | Hours, minutes and seconds | End of Block Assessment |
| 6  6/6 | Mon | Years, months, weeks and days | Converting units of time |
| Tue | Analogue to digital - activity | Timetables |
| Wed | Analogue to digital - 12 hour | Kilograms and kilometres and Millimetres and millilitres |
| Thu | Analogue to digital - 24 hour | Metric units |
| Fri | Consolidation of time | Imperial units |
| 7  13/6 | Mon | End of Block Assessment | End of Block Assessment |
| Tue | Identify angles | Measuring angles in degrees |
| Wed | Compare and order angles | Measuring with a protractor (1) |
| Thu | Turns and angles Recap | Measuring with a protractor (2) |
| Fri | Right angles in shapes Recap | Drawing lines and angles accurately |
| 8  20/6 | Mon | NFER | NFER |
| Tue | NFER | NFER |
| Wed | NFER | NFER |
| Thu | Recognise & describe 2-D shapes Recap | Calculating angles on a straight line |
| Fri | Draw accurately Recap | Calculating angles around a point |

Year 4-5 Summer Term

Medium Term Plan 2021/22

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Day | Y4 Shape/Position and Direction | Y5 Shape/Position and Direction and Volume |
| 9  27/6 | Mon | Triangles | Calculating lengths & angles in shapes |
| Tue | Quadrilaterals | Reasoning about 3-D shapes |
| Wed | Describe position | Position in the first quadrant |
| Thu | Describe movement on a grid | Translation with coordinates |
| Fri | End of Block Assessment | Reflection with coordinates |
| 10  4/7 | Mon | Lines of symmetry | End of Block Assessment |
| Tue | Complete a symmetric figure | What is volume? |
| Wed | Symmetry activity | Estimate volume |
| Thu | Horizontal and vertical Recap | Estimate capacity |
| Fri | End of Block Assessment | Mini-assessment |
|  | Mon |  |  |
| Tue |  |  |
| Wed |  |  |
| Thu |  |  |
| Fri |  |  |
|  | Mon |  |  |
| Tue |  |  |
| Wed |  |  |
| Thu |  |  |
| Fri |  |  |