SUMMER TERM PLANNING YEAR 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Multiplication and division | Fraction | Position and Direction | Place Value to 100 | Money | Time |
| Count in 2s | Recognise a half of an object or a shape | Describe turns | Count from 50 to 100 | Unitising | Before and after |
| Count in 10s | Find a half of an object or a shape | Describe position – left and right | Tens to 100 | Recognise coins | Days of the week |
| Count in 5s | Recognise a half of a quantity | Describe position – forwards and backwards | Partition into tens and ones | Recognise notes | Months of the year |
| Recognise equal groups | Find half of a quantity | Describe position – above and below | The number line to 100 | Count in coins | Minutes, hours and seconds |
| Add equal groups | Recognise a quarter of an object or a shape | Ordinal numbers | 1 more, 1 less | NATWEST lessons around coins in our money system | Tell the time to the hour |
| Make arrays | Find a quarter of an object or a shape |  | Compare numbers with the same number of tens |  | Tell the time to the half hour |
| Make doubles | Recognise a quarter of a quantity |  | Compare any two numbers |  |  |
| Make equal groups – groupings | Find quarter of a quantity |  |  |  |  |
| Make equal groups - sharing |  |  |  |  |  |

SUMMER TERM PLANNING YEAR 2

|  |  |  |  |
| --- | --- | --- | --- |
| Fractions | Time | Statistics | Position and Direction |
| Introduction to parts and whole | O’clock and half past | Make tally charts | Language of position |
| Equal and unequal parts | Quarter past and quarter to | Tables | Describe movement |
| Recognise a half | Tell the time past the hour | Block diagrams | Describe turns |
| Find a half | Tell the time to the hour | Draw pictograms (1-1) | Describe movement and turns |
| Recognise a quarter | Tell the time to 5 minutes | Interpret pictograms (1-1) | Shape patterns with turns |
| Find a quarter | Minutes in an hour | Draw pictograms (2, 5 and 10) |  |
| Recognise a third | Hours in a day | Interpret pictograms (2, 5 and 10) |  |
| Find a third |  |  |  |
| Find the whole |  |  |  |
| Unit fractions |  |  |  |
| Non-unit fractions |  |  |  |
| Recognise the equivalence of a half and two-quarters |  |  |  |
| Recognise three-quarters |  |  |  |
| Find three-quarters |  |  |  |
| Count in fractions up to whole |  |  |  |

SUMMER TERM PLANNING YEAR 3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fractions B | Money | Time | Shape | Statistics |
| Add fractions | Pounds and pence | Roman numerals to 12 | Turns and angles | Interpret pictograms |
| Subtract fractions | Convert pounds and pence | Tell the time to 5 minutes | Right angles | Draw pictograms |
| Partition the whole | Add money | Tell the time to the minute | Compare angles | Interpret bar charts |
| Unit fractions of a set of objects | Subtract money | Read time on a digital clock | Measure and draw accurately | Draw bar charts |
| Non-unit fractions of a set of objects | Find change | Use am and pm | Horizontal and vertical | Collect and represent data |
| Reasoning with fractions of an amount | NATWEST lessons around earning and saving money | Years, months and days | Parallel and perpendicular | Two-way tables |
|  |  | Days and hours | Recognise and describe 2-D shape |  |
|  |  | Hours and minutes – use start and end times | Draw polygons |  |
|  |  | Hours and minutes – use durations | Recognise and describe 3-D shape |  |
|  |  | Minutes and seconds | Make 3-D shape |  |
|  |  | Units of time |  |  |
|  |  | Solve problems with time |  |  |

SUMMER TERM PLANNING YEAR 4

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Decimals B | Money | Time | Shape | Statistics | Position and Direction |
| Make a whole with tenths | Write money using decimals | Years, months, weeks and days | Understand angles as turns | Interpret charts | Describe position using coordinates |
| Make a whole with hundredths | Convert between pounds an pence | Hours, minutes and seconds | Identify angles | Comparison, sum and difference | Plot coordinates |
| Partition decimals | Compare amounts of money | Convert between analogue and digital times | Compare and order angles | Interpret line graphs | Draw 2-D shapes on a grid |
| Flexibly partition decimals | Estimate with money | Convert to the 24-hour clock | Triangles | Draw line graphs | Translate on a grid |
| Compare decimals | Calculate with money | Convert from the 24-hour clock | Quadrilaterals |  | Describe translation on a grid |
| Order decimals | Solve problems with money |  | Polygons |  |  |
| Round to the nearest whole number |  |  | Lines of symmetry |  |  |
| Halves and quarters as decimals |  |  | Complete a symmetrical figure |  |  |

SUMMER TERM PLANNING YEAR 5

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Shape | Position and Direction | Decimals | Negative numbers | Converting units | Volume |
| Understand and use degrees | Read and plot coordinates | Use known facts to add and subtract decimals within 1 | Understand negative numbers | Kilograms and kilometres | Cubic centimetres |
| Classify angles | Problem solving with coordinates | Complements to 1 | Count through zero in 1s | Millimetres and millilitres | Compare volume |
| Estimate angles | Translation | Add and subtract decimals across 1 | Count through zero in multiples | Convert units of length | Estimate volume |
| Measure angles up to 180 degrees | Translation with coordinates | Add decimals with the same number of decimal places | Compare and order negative numbers | Convert between metric and imperial units | Estimate capacity |
| Draw lines and angles accurately | Lines of symmetry | Subtract decimals with the same number of decimal places | Find the difference | Convert units of time |  |
| Calculate angles around a point | Reflection in horizontal and vertical lines | Add decimals with different numbers of decimal places |  | Calculate with timetables |  |
| Calculate angles on a straight line |  | Subtract decimals with different numbers of decimal places |  |  |  |
| Lengths and angles in shapes |  | Efficient strategies for adding and subtract decimals |  |  |  |
| Regular and irregular polygons |  | Decimal sequences |  |  |  |
| 3-D shapes |  | Multiply by 10, 100 and 1,000 |  |  |  |
|  |  | Divide by 19, 100 and 1,000 |  |  |  |
|  |  | Multiply and divide decimals – missing values |  |  |  |

SUMMER TERM PLANNING YEAR 6

|  |  |  |
| --- | --- | --- |
| Shape | Position and Direction | Projects |
| Measure and classify angles | The first quadrant | White Rose Bakery |
| Calculate angles | Read and plot points in four quadrants | White Rose Tours |
| Vertically opposite angles | Solve problems with coordinates | White Rose futures |
| Angles in a triangle | Translations |  |
| Angles in a triangle – special cases | Reflections |  |
| Angles in a triangle – missing angles |  |  |
| Angles in a quadrilateral |  |  |
| Angles in polygons |  |  |
| Circles |  |  |
| Draw shapes accurately |  |  |
| Nets of 3-D shapes |  |  |