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| Below is the progression of vocabulary document from EYFS to year 6 for maths. It is imperative that teachers refer and use prior vocabulary to ensure it sticks to pupils understanding. Vocabulary must be displayed on the correct colour and under the strand to ensure consistency and must be referred to throughout lessons. | | | | | | | |
| **Strand** | **EYFS** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| **Number and Place Value** | Count  Subitise  Order/Ordinal  Compare  Forwards  Backwards  Numerals  Digit  One more  One Less  Equal to  More than  Less than | Count  Order/Ordinal  Compare  Forwards  Backwards  Numerals  Digit  One more  One Less  Equal to  More than  Less than  Sort  Represent  Multiples  Ones  Tens | Count  Order/Ordinal  Compare  Forwards  Backwards  Numerals  Digit  One more  One Less  Equal to  More than  Less than  Sort  Represent  Multiples  Ones  Tens  Exchange  Digit  Greater than  Less than | Count  Order/Ordinal  Compare  Forwards  Backwards  Numerals  Digit  One more  One Less  Equal to  More than  Less than  Sort  Represent  Multiples  Ones  Tens  Exchange  Digit  Greater than  Less than  Estimate  Approximate or approximately | Count  Order/Ordinal  Compare  Forwards  Backwards  Numerals  Digit  One more  One Less  Equal to  More than  Less than  Sort  Represent  Multiples  Ones  Tens  Exchange  Digit  Greater than  Less than  Estimate  Approximate or approximately  Thousand  Partition  Rounding  Positive  Negative  Roman numeral | Count  Order/Ordinal  Compare  Forwards  Backwards  Numerals  Digit  One more  One Less  Equal to  More than  Less than  Sort  Represent  Multiples  Ones  Tens  Exchange  Digit  Greater than  Less than  Estimate  Approximate or approximately  Thousand  Partition  Rounding  Positive  Negative  Roman numeral  Ten Thousand (10,0000)  One Million (1,000,000)  Integer | Count  Order/Ordinal  Compare  Forwards  Backwards  Numerals  Digit  One more  One Less  Equal to  More than  Less than  Sort  Represent  Multiples  Ones  Tens  Exchange  Digit  Greater than  Less than  Estimate  Approximate or approximately  Thousand  Partition  Rounding  Positive  Negative  Roman numeral  Ten Thousand (10,0000)  One Million (1,000,000)  Integer  10 million (10,000,000) |
| **Addition and Subtraction** | Add  Plus  Altogether  Total  Takeaway/Minus  Number Bonds  Part  Whole  Digit  Subitise  10’s frame | Add  Plus  Altogether  Total  Takeaway/Minus  Number Bonds  Part  Whole  Digit  Subitise  10’s Frame  Subtraction  Difference  Equals  Facts  Problems  Missing Number Problems  2- Digit Number  Inverse  Equals  More than  Less Than | Add  Plus  Altogether  Total  Takeaway/Minus  Number Bonds  Part  Whole  Digit  Subitise  Subtraction  Difference  Equals  Facts  Problems  Missing Number Problems  2- Digit Number  Inverse  Equals  More than  Less Than  100, 10’s and 1’s  Total  Sum  3 Digit Number  Commutative  Calculation | Add  Plus  Altogether  Total  Takeaway/Minus  Number Bonds  Part  Whole  Digit  Subitise  Subtraction  Difference  Equals  Facts  Problems  Missing Number Problems  2- Digit Number  Inverse  Equals  More than  Less Than  100, 10’s and 1’s  Total  Sum  3 Digit Number  Commutative  Calculation  Column Addition  Column Subtraction  Exchange  Estimate | Add  Plus  Altogether  Total  Takeaway/Minus  Number Bonds  Part  Whole  Digit  Subitise  Subtraction  Difference  Equals  Facts  Problems  Missing Number Problems  2- Digit Number  Inverse  Equals  More than  Less Than  100, 10’s and 1’s  Total  Sum  3 Digit Number  Commutative  Calculation  Column Addition  Column Subtraction  Exchange  Estimate  4-Digit Number  Operations  Methods | Add  Plus  Altogether  Total  Takeaway/Minus  Number Bonds  Part  Whole  Digit  Subitise  Subtraction  Difference  Equals  Facts  Problems  Missing Number Problems  2- Digit Number  Inverse  Equals  More than  Less Than  100, 10’s and 1’s  Total  Sum  3 Digit Number  Commutative  Calculation  Column Addition  Column Subtraction  Exchange  Estimate  4-Digit Number  Operations  Method  Product of | Add  Plus  Altogether  Total  Takeaway/Minus  Number Bonds  Part  Whole  Digit  Subitise  Subtraction  Difference  Equals  Facts  Problems  Missing Number Problems  2- Digit Number  Inverse  Equals  More than  Less Than  100, 10’s and 1’s  Total  Sum  3 Digit Number  Commutative  Calculation  Column Addition  Column Subtraction  Exchange  Estimate  4-Digit Number  Operations  Methods  Product of |
| **Multiplication and Division** | Double  Half  Twice as many  Equal  Unequal  Share  Equal  Odd  Even | Double  Half  Twice as many  Equal  Unequal  Share  Equal  Odd  Even  Multiplication  Division  Arrays  Times table  Multiplication tables | Double  Half  Twice as many  Equal  Unequal  Share  Equal  Odd  Even  Multiplication  Division  Arrays  Times tables  Commutative  Repeated Addition | Double  Half  Twice as many  Equal  Unequal  Share  Equal  Odd  Even  Multiplication  Division  Arrays  Times tables  Commutative  Repeated Addition | Double  Half  Twice as many  Equal  Unequal  Share  Equal  Odd  Even  Multiplication  Division  Arrays  Times tables  Commutative  Repeated Addition  Exchange  Mathematical Statements  Missing Number Problems  Integer Scaling Problems  Correspondence Problems  Derived Facts  Facts Pairs  Formal Written Layout  Distributive Law  Remainders | Double  Half  Twice as many  Equal  Unequal  Share  Equal  Odd  Even  Multiplication  Division  Arrays  Times tables  Commutative  Repeated Addition  Exchange  Mathematical Statements  Missing Number Problems  Integer Scaling Problems  Correspondence Problems  Derived Facts  Facts Pairs  Formal Written Layout  Distributive Law  Remainders  Multiples  Factors  Prime Numbers  Square Numbers  Cube Numbers  Short Division  Product  Dividend  Divisor  Quotient  Operations | Double  Half  Twice as many  Equal  Unequal  Share  Equal  Odd  Even  Multiplication  Division  Arrays  Times tables  Commutative  Repeated Addition  Exchange  Mathematical Statements  Missing Number Problems  Integer Scaling Problems  Correspondence Problems  Derived Facts  Facts Pairs  Formal Written Layout  Distributive Law  Remainders  Multiples  Factors  Prime Numbers  Square Numbers  Cube Numbers  Short Division  Product  Dividend  Divisor  Quotient  Operations  Multi-digit numbers  Long Division |
| **Fractions/Decimals and Percentages** |  | Whole  Half  Quarter  Equal Parts | Whole  Half  Quarter  Equal Parts  Three Quarters  Third  Equivalent fractions  Unit Fractions  Non-Unit fractions  Numerator  Denominator  One Whole | Whole  Half  Quarter  Equal Parts  Three Quarters  Third  Equivalent fractions  Unit Fractions  Non-Unit fractions  Numerator  Denominator  One Whole  Tenths | Whole  Half  Quarter  Equal Parts  Three Quarters  Third  Equivalent fractions  Unit Fractions  Non-Unit fractions  Numerator  Denominator  One Whole  Tenths  Decimal Equivalence  Hundredths  Convery  Proper Fractions  Improper Fractions  Decimal Point | Whole  Half  Quarter  Equal Parts  Three Quarters  Third  Equivalent fractions  Unit Fractions  Non-Unit fractions  Numerator  Denominator  One Whole  Tenths  Decimal Equivalence  Hundredths  Convery  Proper Fractions  Improper Fractions  Decimal Point  Fifth  Thousandths  Mixed Numbers  Percentages %  Factors  Integers  Complements | Whole  Half  Quarter  Equal Parts  Three Quarters  Third  Equivalent fractions  Unit Fractions  Non-Unit fractions  Numerator  Denominator  One Whole  Tenths  Decimal Equivalence  Hundredths  Convery  Proper Fractions  Improper Fractions  Decimal Point  Fifth  Thousandths  Mixed Numbers  Percentages %  Factors  Integers  Complements |
| **Ratio and Proportion** |  |  |  |  |  |  | Relative Size  Missing Values  Integer Multiplication  Percentages  Scale Factor  Unequal Sharing |
| **Measurement** | Measure  Wider (er)  Narrow (er)  Compare  Long (er) (est)  Short (er) (est)  Length | Measure  Wider (er)  Narrow (er)  Compare  Long (er) (est)  Short (er) (est)  Length  Compare | Measure  Wider (er)  Narrow (er)  Compare  Long (er) (est)  Short (er) (est)  Length  Compare  Kilogram (kg)  Gram (g)  Quarter full  Three quarters full  Litres (l)  Millilitres (ml)  Temperature  Celsius | Measure  Wider (er)  Narrow (er)  Compare  Long (er) (est)  Short (er) (est)  Length  Compare  Kilogram (kg)  Gram (g)  Quarter full  Three quarters full  Litres (l)  Millilitres (ml)  Temperature  Celsius  Pounds | Measure  Wider (er)  Narrow (er)  Compare  Long (er) (est)  Short (er) (est)  Length  Compare  Kilogram (kg)  Gram (g)  Quarter full  Three quarters full  Litres (l)  Millilitres (ml)  Temperature  Celsius  Pounds | Measure  Wider (er)  Narrow (er)  Compare  Long (er) (est)  Short (er) (est)  Length  Compare  Kilogram (kg)  Gram (g)  Quarter full  Three quarters full  Litres (l)  Millilitres (ml)  Temperature  Celsius  Pounds  Cubic Centimetre  Pounds  Pints | Measure  Wider (er)  Narrow (er)  Compare  Long (er) (est)  Short (er) (est)  Length  Compare  Kilogram (kg)  Gram (g)  Quarter full  Three quarters full  Litres (l)  Millilitres (ml)  Temperature  Celsius  Pounds  Cubic Centimetre  Pounds  Pints  Cubic Metre  Cubic Millimetre  Cubic Kilometre  Gallons  Stones  Ounces |
| **Measurement (Time)** | Time  Quicker  Slower  Earlier  Later  Before  After  First  Next  Today  Yesterday  Tomorrow  Morning  Afternoon  Evening  Day  Week  Hour  Minutes | Time  Quicker  Slower  Earlier  Later  Before  After  First  Next  Today  Yesterday  Tomorrow  Morning  Afternoon  Evening  Day  Week  Hour  Minutes  Chronological order  Days of the week  Months of the year  Year  O’clock  Half past  Second | Time  Quicker  Slower  Earlier  Later  Before  After  First  Next  Today  Yesterday  Tomorrow  Morning  Afternoon  Evening  Day  Week  Hour  Minutes  Chronological order  Days of the week  Months of the year  Year  O’clock  Half past  Second  Intervals of time  Quarter Past  Duration | Time  Quicker  Slower  Earlier  Later  Before  After  First  Next  Today  Yesterday  Tomorrow  Morning  Afternoon  Evening  Day  Week  Hour  Minutes  Chronological order  Days of the week  Months of the year  Year  O’clock  Half past  Second  Intervals of time  Quarter Past  Duration  Analogue clock  Roman numerals  12 Hour Clock  24 Hour Clock  A.M/P.M  Noon  Midnight  Leap year  Digital | Time  Quicker  Slower  Earlier  Later  Before  After  First  Next  Today  Yesterday  Tomorrow  Morning  Afternoon  Evening  Day  Week  Hour  Minutes  Chronological order  Days of the week  Months of the year  Year  O’clock  Half past  Second  Intervals of time  Quarter Past  Duration  Analogue clock  Roman numerals  12 Hour Clock  24 Hour Clock  A.M/P.M  Noon  Midnight  Leap year  Digital  convert | Time  Quicker  Slower  Earlier  Later  Before  After  First  Next  Today  Yesterday  Tomorrow  Morning  Afternoon  Evening  Day  Week  Hour  Minutes  Chronological order  Days of the week  Months of the year  Year  O’clock  Half past  Second  Intervals of time  Quarter Past  Duration  Analogue clock  Roman numerals  12 Hour Clock  24 Hour Clock  A.M/P.M  Noon  Midnight  Leap year  Digital  convert | Time  Quicker  Slower  Earlier  Later  Before  After  First  Next  Today  Yesterday  Tomorrow  Morning  Afternoon  Evening  Day  Week  Hour  Minutes  Chronological order  Days of the week  Months of the year  Year  O’clock  Half past  Second  Intervals of time  Quarter Past  Duration  Analogue clock  Roman numerals  12 Hour Clock  24 Hour Clock  A.M/P.M  Noon  Midnight  Leap year  Digital  Convert |
| **Measurement Money** |  | Money  Coins  Notes  Pounds (£)  Pence (p) | Money  Coins  Notes  Pounds (£)  Pence (p)  Value  Change | Money  Coins  Notes  Pounds (£)  Pence (p)  Value  Change | Money  Coins  Notes  Pounds (£)  Pence (p)  Value  Change  Cost  Total  Amount  Quantity | Money  Coins  Notes  Pounds (£)  Pence (p)  Value  Change  Cost  Total  Amount  Quantity | Money  Coins  Notes  Pounds (£)  Pence (p)  Value  Change  Cost  Total  Amount  Quantity |
| **Geometry (shape)** | 2D- Shapes  Rectangle  Square  Circle  Triangle  Characteristics  3D Shape  Cuboids  Cubes  Cone  Spheres  Curved  Straight  Flat | 2D- Shapes  Rectangle  Square  Circle  Triangle  Characteristics  3D Shape  Cuboids  Cubes  Cone  Spheres  Curved  Straight  Flat  Sides  Corners  Properties  Pyramids  Faces | 2D- Shapes  Rectangle  Square  Circle  Triangle  Characteristics  3D Shape  Cuboids  Cubes  Cone  Spheres  Curved  Straight  Flat  Sides  Corners  Properties  Pyramids  Faces  Pentagon  Hexagon  Line of Symmetry  Properties  Cylinder  Edges  Vertices  Vertex | 2D- Shapes  Rectangle  Square  Circle  Triangle  Characteristics  3D Shape  Cuboids  Cubes  Cone  Spheres  Curved  Straight  Flat  Sides  Corners  Properties  Pyramids  Faces  Pentagon  Hexagon  Line of Symmetry  Properties  Cylinder  Edges  Vertices  Vertex  Right-angles triangle  Heptagon  Octagon  Polygon  Properties  Prism | Shapes  Rectangle  Square  Circle  Triangle  Characteristics  3D Shape  Cuboids  Cubes  Cone  Spheres  Curved  Straight  Flat  Sides  Corners  Properties  Pyramids  Faces  Pentagon  Hexagon  Line of Symmetry  Properties  Cylinder  Edges  Vertices  Vertex  Right-angles triangle  Heptagon  Octagon  Polygon  Properties  Prism  Isosceles  Equilateral  Scalene  Trapezium  Rhombus  Parallelogram  Kite  Geometric Shapes  Quadrilaterals | Rectangle  Square  Circle  Triangle  Characteristics  3D Shape  Cuboids  Cubes  Cone  Spheres  Curved  Straight  Flat  Sides  Corners  Properties  Pyramids  Faces  Pentagon  Hexagon  Line of Symmetry  Properties  Cylinder  Edges  Vertices  Vertex  Right-angles triangle  Heptagon  Octagon  Polygon  Properties  Prism  Isosceles  Equilateral  Scalene  Trapezium  Rhombus  Parallelogram  Kite  Geometric Shapes  Quadrilaterals  regular polygon  Irregular polygon  Net | Rectangle  Square  Circle  Triangle  Characteristics  3D Shape  Cuboids  Cubes  Cone  Spheres  Curved  Straight  Flat  Sides  Corners  Properties  Pyramids  Faces  Pentagon  Hexagon  Line of Symmetry  Properties  Cylinder  Edges  Vertices  Vertex  Right-angles triangle  Heptagon  Octagon  Polygon  Properties  Prism  Isosceles  Equilateral  Scalene  Trapezium  Rhombus  Parallelogram  Kite  Geometric Shapes  Quadrilaterals  regular polygon  Irregular polygon  Net  Radius  Diameter  Circumference  Dimensions |
| **Geometry- Properties of shape (2)** |  |  | Horizontal Lines  vertical Lines | Orientations  Angles  Acute angle  Obtuse Angle  Turn  Right Angles  Half turn  Three-quarters of a turn  Greater than a right angle  Less than a right angle  Horizontal lines  Vertical lines  Perpendicular lines | Orientations  Angles  Acute angle  Obtuse Angle  Turn  Right Angles  Half turn  Three-quarters of a turn  Greater than a right angle  Less than a right angle  Horizontal lines  Vertical lines  Perpendicular lines  North  East  South  West | Orientations  Angles  Acute angle  Obtuse Angle  Turn  Right Angles  Half turn  Three-quarters of a turn  Greater than a right angle  Less than a right angle  Horizontal lines  Vertical lines  Perpendicular lines  North  East  South  West  Reflex angle  Degrees  One whole turn  Angles on a straight line  Angles around a point  Vertically opposite  Missing angles | Orientations  Angles  Acute angle  Obtuse Angle  Turn  Right Angles  Half turn  Three-quarters of a turn  Greater than a right angle  Less than a right angle  Horizontal lines  Vertical lines  Perpendicular lines  North  East  South  West  Reflec angle  Degrees  One whole turn  Angles on a straight line  Angles around a point  Vertically opposite  Missing angles |
| **Geometry-Position and Direction** | Over  Under  Between  Around  Through  On  Into  Next to  Behind  Beneath  Order  Repeat  Patterns  On top of | Over  Under  Between  Around  Through  On  Into  Next to  Behind  Beneath  Order  Repeat  Patterns  On top of  Position  Direction  Movement  Whole turn  Quarter turn  Half turn  Three quarter turn | Over  Under  Between  Around  Through  On  Into  Next to  Behind  Beneath  Order  Repeat  Patterns  On top of  Position  Direction  Movement  Whole turn  Quarter turn  Half turn  Three quarter turn  Clockwise/anti clockwise  Straight line  Rotation  Arrange  Sequence | Over  Under  Between  Around  Through  On  Into  Next to  Behind  Beneath  Order  Repeat  Patterns  On top of  Position  Direction  Movement  Whole turn  Quarter turn  Half turn  Three quarter turn  Clockwise/anti clockwise  Straight line  Rotation  Arrange  Sequence | Over  Under  Between  Around  Through  On  Into  Next to  Behind  Beneath  Order  Repeat  Patterns  On top of  Position  Direction  Movement  Whole turn  Quarter turn  Half turn  Three quarter turn  Clockwise/anti clockwise  Straight line  Rotation  Arrange  Sequence  Co-ordinates  First quadrant  Grid  Translation  Plot  Polygon  Axis | Over  Under  Between  Around  Through  On  Into  Next to  Behind  Beneath  Order  Repeat  Patterns  On top of  Position  Direction  Movement  Whole turn  Quarter turn  Half turn  Three quarter turn  Clockwise/anti clockwise  Straight line  Rotation  Arrange  Sequence  Co-ordinates  First quadrant  Grid  Translation  Plot  Polygon  Axis  Reflection  2nd Quadrant  3rd Quadrant  4th Quadrant | Over  Under  Between  Around  Through  On  Into  Next to  Behind  Beneath  Order  Repeat  Patterns  On top of  Position  Direction  Movement  Whole turn  Quarter turn  Half turn  Three quarter turn  Clockwise/anti clockwise  Straight line  Rotation  Arrange  Sequence  Co-ordinates  First quadrant  Grid  Translation  Plot  Polygon  Axis  Reflection  2nd Quadrant  3rd Quadrant  4th Quadrant  Co-ordinate plane |
| **Statistics** |  |  | Pictograms  Tally chart  Block diagram  Category  Sorting  Totalling  Comparing  Horizontal  vertical | Pictograms  Tally chart  Block diagram  Category  Sorting  Totalling  Comparing  Horizontal  Vertical  Table  Bar chart  One-step problem  Two-step problem | Pictograms  Tally chart  Block diagram  Category  Sorting  Totalling  Comparing  Horizontal  Vertical  Table  Bar chart  One-step problem  Two-step problem  Time graph  Discrete data  Continuous data  Line graph  Comparison problem  Sum problem  Difference problem  Calculate  Interpret | Pictograms  Tally chart  Block diagram  Category  Sorting  Totalling  Comparing  Horizontal  Vertical  Table  Bar chart  One-step problem  Two-step problem  Time graph  Discrete data  Continuous data  Line graph  Comparison problem  Sum problem  Difference problem  Calculate  Interpret  Timetable  Two-way tables | Pictograms  Tally chart  Block diagram  Category  Sorting  Totalling  Comparing  Horizontal  Vertical  Table  Bar chart  One-step problem  Two-step problem  Time graph  Discrete data  Continuous data  Line graph  Comparison problem  Sum problem  Difference problem  Calculate  Interpret  Timetable  Two-way tables  Pie Chart  Mean |