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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 SubitiseOrder/OrdinalCompareForwards Backwards Numerals Digit One more One LessEqual to More than Less than | Count Order/OrdinalCompareForwards Backwards Numerals Digit One more One LessEqual to More than Less thanSort Represent Multiples Ones Tens  | Count Order/OrdinalCompareForwards Backwards Numerals Digit One more One LessEqual to More than Less thanSort Represent Multiples Ones TensExchange Digit Greater thanLess than  | Count Order/OrdinalCompareForwards Backwards Numerals Digit One more One LessEqual to More than Less thanSort Represent Multiples Ones TensExchange Digit Greater thanLess thanEstimate Approximate or approximately  | Count Order/OrdinalCompareForwards Backwards Numerals Digit One more One LessEqual to More than Less thanSort Represent Multiples Ones TensExchange Digit Greater thanLess thanEstimate Approximate or approximatelyThousand PartitionRounding Positive Negative Roman numeral  | Count Order/OrdinalCompareForwards Backwards Numerals Digit One more One LessEqual to More than Less thanSort Represent Multiples Ones TensExchange Digit Greater thanLess thanEstimate Approximate or approximatelyThousand PartitionRounding Positive Negative Roman numeralTen Thousand (10,0000)One Million (1,000,000)Integer  | Count Order/OrdinalCompareForwards Backwards Numerals Digit One more One LessEqual to More than Less thanSort Represent Multiples Ones TensExchange Digit Greater thanLess thanEstimate Approximate or approximatelyThousand PartitionRounding Positive Negative Roman numeralTen Thousand (10,0000)One Million (1,000,000)Integer 10 million (10,000,000) |
| **Addition and Subtraction** | AddPlus Altogether TotalTakeaway/Minus Number Bonds Part Whole Digit Subitise 10’s frame  | AddPlus Altogether TotalTakeaway/Minus Number Bonds Part Whole Digit Subitise10’s Frame Subtraction Difference EqualsFacts Problems Missing Number Problems 2- Digit Number Inverse Equals More thanLess Than  | AddPlus Altogether TotalTakeaway/Minus Number Bonds Part Whole Digit SubitiseSubtraction Difference EqualsFacts Problems Missing Number Problems 2- Digit Number Inverse Equals More thanLess Than 100, 10’s and 1’sTotal Sum 3 Digit Number Commutative Calculation | AddPlus Altogether TotalTakeaway/Minus Number Bonds Part Whole Digit SubitiseSubtraction Difference EqualsFacts Problems Missing Number Problems 2- Digit Number Inverse Equals More thanLess Than 100, 10’s and 1’sTotal Sum 3 Digit Number Commutative CalculationColumn AdditionColumn Subtraction Exchange Estimate  | AddPlus Altogether TotalTakeaway/Minus Number Bonds Part Whole Digit SubitiseSubtraction Difference EqualsFacts Problems Missing Number Problems 2- Digit Number Inverse Equals More thanLess Than 100, 10’s and 1’sTotal Sum 3 Digit Number Commutative CalculationColumn AdditionColumn SubtractionExchange Estimate4-Digit Number OperationsMethods  | AddPlus Altogether TotalTakeaway/Minus Number Bonds Part Whole Digit SubitiseSubtraction Difference EqualsFacts Problems Missing Number Problems 2- Digit Number Inverse Equals More thanLess Than 100, 10’s and 1’sTotal Sum 3 Digit Number Commutative CalculationColumn AdditionColumn SubtractionExchange Estimate4-Digit Number OperationsMethodProduct of  | AddPlus Altogether TotalTakeaway/Minus Number Bonds Part Whole Digit SubitiseSubtraction Difference EqualsFacts Problems Missing Number Problems 2- Digit Number Inverse Equals More thanLess Than 100, 10’s and 1’sTotal Sum 3 Digit Number Commutative CalculationColumn AdditionColumn SubtractionExchange Estimate4-Digit Number OperationsMethods Product of  |
| **Multiplication and Division** | Double Half Twice as many EqualUnequal Share Equal Odd Even  | Double Half Twice as many EqualUnequal Share Equal Odd Even Multiplication Division Arrays Times table Multiplication tables  | Double Half Twice as many EqualUnequal Share Equal Odd Even Multiplication Division ArraysTimes tables Commutative Repeated Addition | Double Half Twice as many EqualUnequal Share Equal Odd Even Multiplication Division ArraysTimes tables Commutative Repeated Addition | Double Half Twice as many EqualUnequal Share Equal Odd Even Multiplication Division ArraysTimes tables Commutative Repeated AdditionExchange Mathematical Statements Missing Number Problems Integer Scaling Problems Correspondence Problems Derived Facts Facts Pairs Formal Written LayoutDistributive LawRemainders  | Double Half Twice as many EqualUnequal Share Equal Odd Even Multiplication Division ArraysTimes tables Commutative Repeated AdditionExchange Mathematical Statements Missing Number Problems Integer Scaling Problems Correspondence Problems Derived Facts Facts Pairs Formal Written LayoutDistributive LawRemaindersMultiples Factors Prime Numbers Square Numbers Cube Numbers Short DivisionProduct Dividend Divisor Quotient Operations   | Double Half Twice as many EqualUnequal Share Equal Odd Even Multiplication Division ArraysTimes tables Commutative Repeated AdditionExchange Mathematical Statements Missing Number Problems Integer Scaling Problems Correspondence Problems Derived Facts Facts Pairs Formal Written LayoutDistributive LawRemaindersMultiples Factors Prime Numbers Square Numbers Cube Numbers Short DivisionProduct Dividend Divisor Quotient Operations Multi-digit numbers Long Division |
| **Fractions/Decimals and Percentages**  |  | Whole Half QuarterEqual Parts | Whole Half QuarterEqual PartsThree Quarters ThirdEquivalent fractionsUnit FractionsNon-Unit fractionsNumerator Denominator One Whole | Whole Half QuarterEqual PartsThree Quarters ThirdEquivalent fractionsUnit FractionsNon-Unit fractionsNumerator Denominator One WholeTenths  | Whole Half QuarterEqual PartsThree Quarters ThirdEquivalent fractionsUnit FractionsNon-Unit fractionsNumerator Denominator One WholeTenthsDecimal Equivalence Hundredths ConveryProper FractionsImproper Fractions Decimal Point  | Whole Half QuarterEqual PartsThree Quarters ThirdEquivalent fractionsUnit FractionsNon-Unit fractionsNumerator Denominator One WholeTenthsDecimal Equivalence Hundredths ConveryProper FractionsImproper Fractions Decimal PointFifth Thousandths Mixed Numbers Percentages %Factors Integers Complements  | Whole Half QuarterEqual PartsThree Quarters ThirdEquivalent fractionsUnit FractionsNon-Unit fractionsNumerator Denominator One WholeTenthsDecimal Equivalence Hundredths ConveryProper FractionsImproper Fractions Decimal PointFifth Thousandths Mixed Numbers Percentages %Factors Integers Complements  |
| **Ratio and Proportion** |  |  |  |  |  |  | Relative Size Missing Values Integer MultiplicationPercentages Scale Factor Unequal Sharing  |
| **Measurement**  | Measure Wider (er)Narrow (er)CompareLong (er) (est)Short (er) (est)Length   | Measure Wider (er)Narrow (er)CompareLong (er) (est)Short (er) (est)Length Compare  | Measure Wider (er)Narrow (er)CompareLong (er) (est)Short (er) (est)Length CompareKilogram (kg)Gram (g)Quarter fullThree quarters fullLitres (l)Millilitres (ml)Temperature Celsius  | Measure Wider (er)Narrow (er)CompareLong (er) (est)Short (er) (est)Length CompareKilogram (kg)Gram (g)Quarter fullThree quarters fullLitres (l)Millilitres (ml)Temperature Celsius Pounds  | Measure Wider (er)Narrow (er)CompareLong (er) (est)Short (er) (est)Length CompareKilogram (kg)Gram (g)Quarter fullThree quarters fullLitres (l)Millilitres (ml)Temperature Celsius Pounds  | Measure Wider (er)Narrow (er)CompareLong (er) (est)Short (er) (est)Length CompareKilogram (kg)Gram (g)Quarter fullThree quarters fullLitres (l)Millilitres (ml)Temperature Celsius Pounds Cubic CentimetrePounds Pints  | Measure Wider (er)Narrow (er)CompareLong (er) (est)Short (er) (est)Length CompareKilogram (kg)Gram (g)Quarter fullThree quarters fullLitres (l)Millilitres (ml)Temperature Celsius Pounds Cubic CentimetrePounds PintsCubic MetreCubic Millimetre Cubic KilometreGallons Stones Ounces  |
| **Measurement (Time)** | Time Quicker SlowerEarlier LaterBefore After First Next TodayYesterday TomorrowMorning Afternoon Evening Day Week Hour Minutes | Time Quicker SlowerEarlier LaterBefore After First Next TodayYesterday TomorrowMorning Afternoon Evening Day Week Hour MinutesChronological order Days of the weekMonths of the year Year O’clockHalf past Second  | Time Quicker SlowerEarlier LaterBefore After First Next TodayYesterday TomorrowMorning Afternoon Evening Day Week Hour MinutesChronological order Days of the weekMonths of the year Year O’clockHalf past SecondIntervals of time Quarter Past Duration | Time Quicker SlowerEarlier LaterBefore After First Next TodayYesterday TomorrowMorning Afternoon Evening Day Week Hour MinutesChronological order Days of the weekMonths of the year Year O’clockHalf past SecondIntervals of time Quarter Past DurationAnalogue clockRoman numerals 12 Hour Clock24 Hour Clock A.M/P.MNoonMidnightLeap yearDigital | Time Quicker SlowerEarlier LaterBefore After First Next TodayYesterday TomorrowMorning Afternoon Evening Day Week Hour MinutesChronological order Days of the weekMonths of the year Year O’clockHalf past SecondIntervals of time Quarter Past DurationAnalogue clockRoman numerals 12 Hour Clock24 Hour Clock A.M/P.MNoonMidnightLeap yearDigitalconvert | Time Quicker SlowerEarlier LaterBefore After First Next TodayYesterday TomorrowMorning Afternoon Evening Day Week Hour MinutesChronological order Days of the weekMonths of the year Year O’clockHalf past SecondIntervals of time Quarter Past DurationAnalogue clockRoman numerals 12 Hour Clock24 Hour Clock A.M/P.MNoonMidnightLeap yearDigitalconvert | Time Quicker SlowerEarlier LaterBefore After First Next TodayYesterday TomorrowMorning Afternoon Evening Day Week Hour MinutesChronological order Days of the weekMonths of the year Year O’clockHalf past SecondIntervals of time Quarter Past DurationAnalogue clockRoman numerals 12 Hour Clock24 Hour Clock A.M/P.MNoonMidnightLeap yearDigitalConvert |
| **Measurement Money**  |  | MoneyCoinsNotes Pounds (£)Pence (p) | MoneyCoinsNotes Pounds (£)Pence (p)Value Change  | MoneyCoinsNotes Pounds (£)Pence (p)Value Change |  MoneyCoinsNotes Pounds (£)Pence (p)Value ChangeCost TotalAmount Quantity | MoneyCoinsNotes Pounds (£)Pence (p)Value ChangeCost TotalAmount Quantity | MoneyCoinsNotes Pounds (£)Pence (p)Value ChangeCost TotalAmount Quantity |
| **Geometry (shape)** | 2D- Shapes RectangleSquareCircle Triangle Characteristics 3D Shape Cuboids Cubes Cone SpheresCurvedStraight Flat  | 2D- Shapes RectangleSquareCircle Triangle Characteristics 3D Shape Cuboids Cubes Cone SpheresCurvedStraight FlatSidesCorners PropertiesPyramidsFaces | 2D- Shapes RectangleSquareCircle Triangle Characteristics 3D Shape Cuboids Cubes Cone SpheresCurvedStraight FlatSidesCorners PropertiesPyramidsFacesPentagonHexagonLine of Symmetry PropertiesCylinder EdgesVerticesVertex | 2D- Shapes RectangleSquareCircle Triangle Characteristics 3D Shape Cuboids Cubes Cone SpheresCurvedStraight FlatSidesCorners PropertiesPyramidsFacesPentagonHexagonLine of Symmetry PropertiesCylinder EdgesVerticesVertexRight-angles triangle HeptagonOctagonPolygonProperties Prism  | Shapes RectangleSquareCircle Triangle Characteristics 3D Shape Cuboids Cubes Cone SpheresCurvedStraight FlatSidesCorners PropertiesPyramidsFacesPentagonHexagonLine of Symmetry PropertiesCylinder EdgesVerticesVertexRight-angles triangle HeptagonOctagonPolygonProperties PrismIsosceles Equilateral Scalene TrapeziumRhombus ParallelogramKiteGeometric ShapesQuadrilaterals  | RectangleSquareCircle Triangle Characteristics 3D Shape Cuboids Cubes Cone SpheresCurvedStraight FlatSidesCorners PropertiesPyramidsFacesPentagonHexagonLine of Symmetry PropertiesCylinder EdgesVerticesVertexRight-angles triangle HeptagonOctagonPolygonProperties PrismIsosceles Equilateral Scalene TrapeziumRhombus ParallelogramKiteGeometric ShapesQuadrilateralsregular polygonIrregular polygonNet | RectangleSquareCircle Triangle Characteristics 3D Shape Cuboids Cubes Cone SpheresCurvedStraight FlatSidesCorners PropertiesPyramidsFacesPentagonHexagonLine of Symmetry PropertiesCylinder EdgesVerticesVertexRight-angles triangle HeptagonOctagonPolygonProperties PrismIsosceles Equilateral Scalene TrapeziumRhombus ParallelogramKiteGeometric ShapesQuadrilateralsregular polygonIrregular polygonNetRadius Diameter Circumference Dimensions  |
| **Geometry- Properties of shape (2)** |  |  | Horizontal Linesvertical Lines | OrientationsAngles Acute angle Obtuse Angle TurnRight Angles Half turnThree-quarters of a turnGreater than a right angleLess than a right angle Horizontal lines Vertical lines Perpendicular lines  | OrientationsAngles Acute angle Obtuse Angle TurnRight Angles Half turnThree-quarters of a turnGreater than a right angleLess than a right angle Horizontal lines Vertical lines Perpendicular linesNorth East South West  | OrientationsAngles Acute angle Obtuse Angle TurnRight Angles Half turnThree-quarters of a turnGreater than a right angleLess than a right angle Horizontal lines Vertical lines Perpendicular linesNorth East South WestReflex angle Degrees One whole turnAngles on a straight line Angles around a point Vertically oppositeMissing angles  | OrientationsAngles Acute angle Obtuse Angle TurnRight Angles Half turnThree-quarters of a turnGreater than a right angleLess than a right angle Horizontal lines Vertical lines Perpendicular linesNorth East South WestReflec angle Degrees One whole turnAngles on a straight line Angles around a point Vertically oppositeMissing angles  |
| **Geometry-Position and Direction** | OverUnderBetweenAround ThroughOn Into Next toBehind BeneathOrder Repeat Patterns On top of  | OverUnderBetweenAround ThroughOn Into Next toBehind BeneathOrder Repeat Patterns On top ofPosition DirectionMovement Whole turn Quarter turnHalf turnThree quarter turn | OverUnderBetweenAround ThroughOn Into Next toBehind BeneathOrder Repeat Patterns On top ofPosition DirectionMovement Whole turn Quarter turnHalf turnThree quarter turnClockwise/anti clockwiseStraight line RotationArrange Sequence  | OverUnderBetweenAround ThroughOn Into Next toBehind BeneathOrder Repeat Patterns On top ofPosition DirectionMovement Whole turn Quarter turnHalf turnThree quarter turnClockwise/anti clockwiseStraight line RotationArrange Sequence | OverUnderBetweenAround ThroughOn Into Next toBehind BeneathOrder Repeat Patterns On top ofPosition DirectionMovement Whole turn Quarter turnHalf turnThree quarter turnClockwise/anti clockwiseStraight line RotationArrange SequenceCo-ordinates First quadrantGrid TranslationPlotPolygonAxis  | OverUnderBetweenAround ThroughOn Into Next toBehind BeneathOrder Repeat Patterns On top ofPosition DirectionMovement Whole turn Quarter turnHalf turnThree quarter turnClockwise/anti clockwiseStraight line RotationArrange SequenceCo-ordinates First quadrantGrid TranslationPlotPolygonAxisReflection2nd Quadrant 3rd Quadrant 4th Quadrant  | OverUnderBetweenAround ThroughOn Into Next toBehind BeneathOrder Repeat Patterns On top ofPosition DirectionMovement Whole turn Quarter turnHalf turnThree quarter turnClockwise/anti clockwiseStraight line RotationArrange SequenceCo-ordinates First quadrantGrid TranslationPlotPolygonAxisReflection2nd Quadrant 3rd Quadrant 4th QuadrantCo-ordinate plane  |
| **Statistics**  |  |  | Pictograms Tally chartBlock diagram Category Sorting Totalling Comparing Horizontal vertical | Pictograms Tally chartBlock diagram Category Sorting Totalling Comparing Horizontal VerticalTable Bar chart One-step problemTwo-step problem  | Pictograms Tally chartBlock diagram Category Sorting Totalling Comparing Horizontal VerticalTable Bar chart One-step problemTwo-step problemTime graph Discrete data Continuous data Line graph Comparison problem Sum problem Difference problem Calculate Interpret  | Pictograms Tally chartBlock diagram Category Sorting Totalling Comparing Horizontal VerticalTable Bar chart One-step problemTwo-step problemTime graph Discrete data Continuous data Line graph Comparison problem Sum problem Difference problem Calculate InterpretTimetable Two-way tables  | Pictograms Tally chartBlock diagram Category Sorting Totalling Comparing Horizontal VerticalTable Bar chart One-step problemTwo-step problemTime graph Discrete data Continuous data Line graph Comparison problem Sum problem Difference problem Calculate InterpretTimetable Two-way tablesPie Chart Mean  |