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|  **Progression In Mathematical Vocabulary** |
|  | **Nursery**  | **Reception** | **Year One** | **Year Two** | **Year Three** | **Year Four** | **Year Five** | **Year Six** |
| *Vocabulary is cumulative. New vocabulary and phrases which are introduced in each year group.* |
| **Number and Place Value** | PartNumberBig(ger)Small(er)Same | More/lessOnes NumeralOrderForwardsBackwards | CountTen Figure(s)CompareSize Value BetweenHalfway betweenAboveBelowTensMultiplesEqual to | Count in stepsNumbers to one HundredsPartitionRecombinePlace valueDigit2 digitEstimateCompare | Count in multiplesNumbers to one thousand10/100 more10/100 less3 digit | Count backwardsNegative numbers1000 more/less4 digitTenthsHundredthsDecimal (places), Round (to nearest), Thousand more/less Negative integersCount through zero, Roman numerals | Powers of 10 | Calculate intervalsNumbers to ten million |
| **Addition and Subtraction** | MoreLess | AddAltogether EqualsIs the same as SubtractTake away Number bonds, | Number line Plus Make Sum Total Double Near double Difference between Minus Problems Missing number problems | CommutativeInverse2 digit | Column addition and subtraction3 digitEstimate | 4 digitOperationsMethods  | EfficientRounding | Order of operationsAccuracy |
| **Multiplication and Division** |  |  | Once Twice Multiple of Multiply Repeated addition Array Row Column Double Halve Share equally Group Divide Divided by Left over | Odd EvenMultiplication tablesCommutative | ProductScale upMathematical statementsMissing number problemsInteger scaling problemsCorrespondence problemsN objects | Multiplication facts (up to 12x12), division facts, inverse, deriveFactor pairsShort multiplicationDistributive law | FactorsMultiplesComposite numbers, Prime numberPrime factorsSquare number Cubed numberLong multiplication Short division Remainders Decimals. | Common Factors Common multiplesLong division |
| **Measure** | BirthdayWeekendMorningHoliday TodayNightBedtimeDinnertimePlaytimeYesterday TomorrowClockMoneyCoinQuickFastSlowSlowestOldNewLongShort | TimeDays of the week, AfternoonEvening BeforeAfter Next Now Soon Early Late Quickest Fastest Slowest Oldest Newest Longest Shortest Tallest Highest How much? How many? Penny Pence Price Cost | Seasons Week Month Year Midnight O'clock Half past How long ago? How long will it? How often? Always Never Often Sometimes Usually Estimate Close to About the same as Length Width Height Depth Narrow Shallow Metre stick Pound Spent Change Costs more/less | Quarter past/to, KilometresGramsKilograms, MillimetresLitresTemperature, Degrees | Leap yearTwelve-hour/twenty-four-hour clock, Roman numerals | Convert | VolumeImperial unitsMetric units |  |
| **Geometry Position and Direction** | UpDownForwardsBackwards ToFrom | BeforeAfterBesideNext toBetweenTurnStretchNearRollMiddleEdgeAcross | OppositeApartCentreCornerDirectionLeftRight SidewaysCloseAlongTowardsAway fromMovement Whole turnHalf turn,  | RotationClockwise Anticlockwise Straight lineNinety degree turn Right angle | Greater/less than Ninety degrees, Orientation | Co-ordinate TranslateQuadrant X-axisY-axisPerimeterArea | Reflex angleDimensions | Four quadrants (for co-ordinates) |
| **Geometry Properties of shape** | SquareTriangle CircleRectangle | EdgeSide Corner (point, pointed)Pattern | Face Make BuildDraw | SizeBiggerLargerSmaller SymmetricalLine of symmetryMirror lineReflectionRepeating pattern | HorizontalPerpendicular Parallel lines | QuadrilateralsTrianglesRight, acute and obtuse angles | Regular and irregular polygons | Vertically opposite (angles), Circumference RadiusDiameter |
| **Fractions, decimals and percentages** |  |  | WholeEqual partsFour equal parts One halfTwo halvesA quarterTwo quarters | Three quartersOne thirdA thirdEquivalenceEquivalent | NumeratorDenominator Unit fractionNon-unit fraction Compare and order Tenths | Equivalent Decimals | Proper fractions Improper fractions Mixed numbers Percentage FifthsRatioProportion | Degree of accuracySimplify |
| **Algebra** |  |  |  |  |  |  |  | Linear number sequenceSubstituteVariablesSymbolKnown values |
| **Data & Statistics** |  |  |  | CountTallySortVote GraphBlock graphPictogramRepresentGroupSetListTableLabelTitlePopularCommon | ChartBar chartFrequency table Carroll diagramVenn diagramAxis | Continuous data Line graph |  | MeanPie chartConstruct |