# ***Vocabulary Progression Document***

## Place Value

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| amount,<br>backwards,<br>collection,<br>count,<br>few,<br>fewer (than),<br>forwards,<br>how many,<br>largest,<br>lot(s),<br>more (than),<br>number,<br>numeral,<br>same,<br>smallest,<br>subitise | after,<br>before,<br>different,<br>represent,<br>zero | compare,<br>count on,<br>digit,<br>fewest,<br>greater than,<br>greatest,<br>less than,<br>most,<br>one(s),<br>order,<br>partition,<br>represent,<br>ten(s),<br>ordinal numbers (first, second, third, etc) | exchange,<br>interval,<br>least,<br>multiple,<br>value, | ascending,<br>descending,<br>hundred(s),<br>part,<br>whole | place holder,<br>Roman,<br>numeral,<br>round,<br>thousands | hundred,<br>thousand(s),<br>integer,<br>negative number,<br>millions,<br>power of 10,<br>ten thousand | ten million |

## Addition and Subtraction

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| | 1 less, | addition, | calculation, | column, | efficient, | accurate, | order of |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1 more,<br>add,<br>add more,<br>altogether,<br>first,<br>left,<br>now,<br>part,<br>take away,<br>whole | add together,<br>subtraction/<br>subtract,<br>difference,<br>double,<br>efficient,<br>equal to,<br>fact family,<br>greater,<br>group,<br>inverse,<br>less,<br>minus,<br>near double,<br>number bond,<br>plus,<br>symbol,<br>systematic,<br>total | exchange,<br>method,<br>multiple,<br>one(s),<br>operation,<br>partition,<br>related facts,<br>ten(s),<br>value,<br>increase,<br>decrease, sum | addition,<br>column,<br>subtraction,<br>digit,<br>estimate,<br>exchange,<br>hundred(s),<br>inverse,<br>crossing the<br>10, crossing<br>the 100 | inverse,<br>round,<br>thousand(s) | approximate,<br>constant<br>difference,<br>strategy | operations |

## Multiplication and Division

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| | double,<br>equal groups,<br>even,<br>fair,<br>grouping, | array,<br>divide,<br>repeated,<br>addition | divide,<br>even,<br>half,<br>lots of,<br>multiply, | commutative,<br>inverse,<br>multiple,<br>product,<br>remainder, | factor,<br>factor pair,<br>inverse,<br>triple,<br>efficient | common<br>multiple,<br>common<br>factor,<br>cube number, | composite<br>number,<br>order of<br>operations,<br>powers of |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | groups,<br>odd,<br>pair,<br>sharing,<br>unequal,<br>groups | | odd,<br>twice,<br>times<br>times-table, | scaling | | prime number,<br>square<br>number | |

## Fractions, Decimals and Percentages

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| | | equal parts,<br>half,<br>quarter,<br>whole | numerator,<br>denominator,<br>equivalent,<br>unit fraction,<br>non-unit<br>fraction,<br>third,<br>two-quarters,<br>three-quarters | scale,<br>compare,<br>convert | decimal<br>equivalent,<br>decimal place,<br>decimal point,<br>hundredths,<br>improper,<br>fractions,<br>mixed,<br>numbers,<br>proper<br>fractions,<br>round, tenths | common<br>denominator,<br>fractional part,<br>percentage,<br>thousandth | simplify,<br>simplest form,<br>recurring |

## Measure (money)

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| | | amount, | change, | convert | decimal | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | coin,<br>note,<br>money,<br>pence (p),<br>pound (£),<br>unitise,<br>value | cost,<br>worth | | | | |

## Measure (length and height)

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| big,<br>bigger,<br>large,<br>little,<br>small,<br>smaller | height,<br>length,<br>long,<br>longer,<br>longest,<br>measure,<br>short,<br>shorter,<br>shortest,<br>tall,<br>taller,<br>tallest | centimetres,<br>ruler | metres | convert,<br>millimetres,<br>perimeter | area,<br>kilometres,<br>rectilinear,<br>width | imperial,<br>inches,<br>metric,<br>volume | formula |

## Measure (Mass, capacity, temperature)

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| big,<br>bigger,<br>large,<br>little,<br>small,<br>smaller | balanced,<br>balancing<br>scales,<br>empty,<br>float,<br>full,<br>heavier,<br>heaviest,<br>heavy,<br>least,<br>less,<br>light,<br>lighter,<br>lightest,<br>mass,<br>more,<br>most,<br>narrow,<br>sink,<br>tall,<br>thin,<br>weight,<br>wide, | capacity,<br>container,<br>non-standard,<br>volume | celsius,<br>circular scales,<br>degrees,<br>grams,<br>kilograms,<br>litres,<br>millilitres,<br>temperature,<br>thermometer | convert | | cubic,<br>centimetres,<br>imperial<br>metric,<br>pints,<br>pounds, | formula,<br>gallon,<br>ounces,<br>tonnes |

## Measure (time)

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| first, | after, | half past, | five-minute | analogue | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| next,<br>now,<br>then | afternoon,<br>before,<br>clock,<br>day,<br>evening,<br>later,<br>lunchtime,<br>minute,<br>morning,<br>night,<br>night-time,<br>today,<br>tomorrow,<br>week,<br>weekend,<br>yesterday, | hour,<br>month,<br>o'clock,<br>second,<br>watch,<br>week, | intervals<br>midnight,<br>noon,<br>quarter past,<br>quarter to, | clock,<br>12-hour clock,<br>24-hour clock,<br>digital clock<br>duration,<br>leap year,<br>am,<br>pm,<br>Roman<br>numerals, | | | |

## Shape

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| build,<br>curved,<br>curvy,<br>different,<br>flat,<br>match,<br>pointy,<br>round, | 2-d shape,<br>3-d shape,<br>circle,<br>cone,<br>corner,<br>cube,<br>cuboid,<br>curved, | properties | edge,<br>line of<br>symmetry,<br>symmetrical,<br>vertex,<br>vertices | acute,<br>obtuse,<br>angle,<br>vertical<br>horizontal,<br>parallel,<br>perpendicular,<br>polygon, | equilateral,<br>regular,<br>irregular,<br>isosceles,<br>parallelogram,<br>quadrilateral,<br>rhombus,<br>scalene, | adjacent,<br>degrees,<br>reflex angle | base,<br>circumference,<br>diameter,<br>dimensions,<br>interior<br>angles,<br>intersect,<br>net, |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| same,<br>sharp,<br>stack | cylinder,<br>face,<br>flat,<br>pyramid,<br>rectangle,<br>rotate,<br>set,<br>sides,<br>solid,<br>sort,<br>sphere,<br>square,<br>straight,<br>surface,<br>triangle | | | right angle | trapezium | | opposite,<br>angles,<br>radius, |

## Statistics

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| | | | block diagram,<br>key,<br>pictogram,<br>table,<br>tally chart,<br>collect,<br>record | axis,<br>bar chart,<br>cell,<br>horizontal<br>axis,<br>label,<br>scale,<br>two-way table,<br>title, | data,<br>estimate,<br>line graph | timetable,<br>variable | average,<br>dual bar chart,<br>mean,<br>pie chart |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | vertical axis, | | | |

## Position and Direction

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| behind,<br>between,<br>down<br>in,<br>in front,<br>inside,<br>move,<br>on,<br>out,<br>outside,<br>over,<br>through,<br>under,<br>up | above,<br>around,<br>backwards,<br>below,<br>beside,<br>bottom,<br>forwards,<br>map,<br>next to,<br>position,<br>route,<br>top | far,<br>full turn,<br>half turn,<br>left,<br>near,<br>quarter turn,<br>right,<br>three-quarter turn,<br>direction | anti-clockwise,<br>between,<br>clockwise | | coordinates,<br>grid,<br>reflection,<br>translation, | quadrant, | $x$-axis<br>$y$-axis |

## Ratio and Proportion

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| | | | | | | | additive,<br>enlargement,<br>multiplicative,<br>proportion, |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | ratio,<br>scale factor,<br>scaling,<br>simplest form |

## Algebra

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| | | | | | | | algebra,<br>equation,<br>expression,<br>function,<br>input,<br>linear<br>output,<br>rule,<br>solve,<br>substitution,<br>value, |

## Pattern

| Preschool | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|---|---|---|
| after,<br>line,<br>next,<br>pattern, | continue,<br>copy,<br>mistake,<br>repeat, | | | decreasing,<br>increasing,<br>sequence | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| spot,<br>star,<br>stripe,<br>swirl,<br>zigzag | repeating,<br>pattern,<br>same,<br>unit of repeat, | | | | | | |