TOPICS FOR REVISION

Complete List of Topics to revise for End of Year Assessment			
Topic	**Understand Completely**	**May need to revise**	**Revise this topic**
NUMBERS			
BIDMAS			
Roundings- nearest place value, decimal point, significant figure			
Estimation			
Decimal - Adding, subtracting, multiplying & Dividing			
Multiplying and dividing by power of 10 (for eg: 10, 100, 1000)			
Negative numbers - Adding, subtracting, multiplying & Dividing			
Factors & multiples, Squares, Cubes and Square roots			
Prime factor tree, HCF & LCM			
Ratios- Simplifying, finding missing value, Sharing			
Direct proportion, Unitary method			
Converting Mixed number <-> Improper fraction			
Fractions - Adding, subtracting, multiplying & Dividing			
Fractions- Simplifying, Equivalent, Ordering, of an amount			
Conversion between Fraction<->Decimal<->Percentage			
Percentage - of an amount, Increase and Decrease (loss or profit), Express as Percentage, Change in Percentage			
Money			
24hrs Clock			
Speed-Distance-Time			
Standard Form			
ALGEBRA			
Algebra - Adding, subtracting, multiplying & Dividing			
Algebraic Notation			
Solving 2 step equations			

Function machine - Inverse operations			
Substitution			
Expanding and factorising expressions			
Creating an expression, equation or formula			
Sequence: Finding term to term rule, Generating a given term, Finding the next term, Finding Nth term			
Laws of Indices			

GEOMETRY

Angles on a line, at a point, vertically opposite angles, in a Triangle, in a Quadrilateral			
Angles in a Parallel lines			
Interior and Exterior angle & number of sides of Polygon			
Bearings			
Constructing triangles using SSS, SAS, ASA			
Constructing Line and Angle bisector			
Metric Conversions - Length, Weight, Capacity, Time			
Speed Conversion			
Area and Perimeter of Square, Rectangle, Triangle, Trapezium, Parallelogram, Compound shapes			
Volume of Cube & Cuboid, prism			
Circles- parts, radius and diameter, Area and Circumference			
Similar and Congruent Shapes, knowledge of scale factor			
Plotting in all 4 quadrants			
Plotting a straight line graph			
Plotting a quadratic parabola graph			
Enlarging a shape			
Reflecting a shape			
Translating a shape			
Rotating a shape			

STATISTICS

Mean, Mode Median & Range			
Scatter graphs, line of best fit and Correlation			

Bar charts			
Line charts			
Pictogram			
Pie charts			
Real life graphs			
Probability - Use of terminology and scale 0 to 1			
Sample space diagram			