FORTIS Academy

Number Sense & Calculations
- Place value & rounding M763, M704, M522, M527, M111, M431
- Adding & subtracting with integers & decimals M928, M429, M347, M152
- Multiplying & dividing with integers & decimals M113, M911, M187, M803, M462, M354, M873, M262
- Directed numbers M106, M288
- Order of operations M135, M521, M952, M409

Sparx Codes

Expressions & Equations
- Notation & expressions M813, M830
- Simplifying M795, M531, M949
- Substitution M417, M327, M208, M979
- Solving equations M707, M509

Measures
- Units of time M515, M892
- Calculating with time M627, M963, M747
- Estimating measures M828
- Converting units M774, M487

2D Shapes
- Line & shape properties M814, M276
- Symmetry M523

Brackets
- Expand single brackets & simplifying M637, M237, M792
- Factorising into one bracket M100

Fractions
- Simplifying & ordering fractions M158, M939, M410, M671, M335
- Converting between mixed numbers & improper fractions M601
- Adding & subtracting fractions & mixed numbers M835, M931

Types of Number
- Factors & multiples M823, M698, M227
- Prime numbers & prime factor decomposition M322, M108

Coordinates
- Reading & plotting coordinates M618
- Shape problems involving coordinates M230

Perimeter & Area
- Perimeter of rectangles, simple shapes & compound shapes M920 M635, M690
- Area of rectangles, triangles & compound shapes M900, M390, M269, M610, M996

Angles
- Angle properties M502, M541, M780, M331
- Finding unknown angles M818, M163
- Angles in a triangle M351

Handling Data & Statistical Diagrams
- Averages & range M934, M841, M940, M328
- Tables & charts M899, M597, M644, M460, M738
- Collecting & presenting data M945, M450, M127, M440

Proportion
- Solving proportion word problems M478

Fractions, Decimals & Percentages
- Multiplying & dividing fractions & mixed numbers M216, M110, M197, M265
- Fractions of an amount M695 M684
- Convert between fractions, decimals & percentages M958, M264, M553, M235

Probability
- Theoretical probability M655, M941, M938
- Sample space diagrams M755, M718

Mathematics
Year 8