







# DO NOT JUST READ – DO QUESTIONS!

## Year 7 End of Year Revision List

Exam Week : w/c 21<sup>st</sup> May 2018

|   |                                       |  |  |  |
|---|---------------------------------------|---|---|---|
| Using Numbers                                 | Positive and Negative Numbers         |   |   |   |
| Chapter 1                                     | Understand < and >                    |   |   |   |
|   | Add and Subtract Negative Numbers     |   |   |   |
|   | Multiply Negative Numbers             |   |   |   |
|   |                                       |   |   |   |
| Perimeter, Area and Volume                    | Perimeter and Area of Rectangles      |   |   |   |
| Chapter 3                                     | Perimeter and Area of Compound Shapes |   |   |   |
|   | Area of Triangles                     |   |   |   |
|   | Area of Parallelograms                |   |   |   |
|   | Area of Trapeziums                    |   |   |   |
|   |                                       |   |   |   |
| Multiplication/Division<br>(Not in Text Book) | Long Multiplication                   |   |   |   |
|   | Long Division                         |   |   |   |
|   |                                       |   |   |   |
| Algebra                                       | Expression/Equation/Formula           |   |   |   |
| Chapter 7                                     | Substitute into an Expression/Formula |   |   |   |
|   | Simplify Expressions                  |   |   |   |
|   | Forming Expressions/Formula           |   |   |   |
|   |                                       |   |   |   |
| Decimal Numbers                               | Multiply/Divide by 10, 100, 1000      |   |   |   |
| Chapter 4                                     | Order Decimal Numbers                 |   |   |   |
|   | Add/Subtract Decimal Numbers          |   |   |   |
|   | Multiply Decimal Numbers              |   |   |   |
|   | Divide Decimal Numbers                |   |   |   |
|   | Estimate Calculations                 |   |   |   |
|   | Rounding to Decimal Places            |   |   |   |
|   |                                       |   |   |   |
| Working with Numbers                          | Recognise Square Numbers              |   |   |   |
| Chapter 5                                     | Rounding to Significant Figures       |   |   |   |
|   | Use BIDMAS/BODMAS                     |   |   |   |
|   | Multiplication Without a Calculator   |   |   |   |
|   | Convert Between Metric Lengths        |   |   |   |
|   | Convert Between Metric Areas          |   |   |   |
|   | Convert Between Metric Volumes        |   |   |   |
|   | Use Measurement in Calculations       |   |   |   |
|   |                                       |   |   |   |
| Statistics                                    | Calculate Mode, Median and Range      |   |   |   |
| Chapter 6                                     | Calculate the Mean                    |   |   |   |
|   | Collect Data into Tally Chart         |   |   |   |
|   | Continuous vs Discrete Data           |   |   |   |
|   | Frequency Data Tables                 |   |   |   |
|   | Grouped Frequency Tables              |   |   |   |

|                            |   |  |  |  |
|----------------------------|---|--|--|--|
| Sequences                  | Understand Functions Machines             |  |  |  |
| Chapter 2                  | Use Words to Describe Sequences           |  |  |  |
|                            | Find any Term of a given Sequence         |  |  |  |
|                            | Find nth Term for a given Sequence        |  |  |  |
| Fractions                  | Use Equivalent Fractions                  |  |  |  |
| Chapter 8                  | Simplify Fractions                        |  |  |  |
|                            | Add/Subtract Fractions                    |  |  |  |
|                            | Convert Mixed Numbers to Fractions        |  |  |  |
|                            | Add/Subtract Mixed Numbers                |  |  |  |
| Angles                     | Measure/Draw Angle                        |  |  |  |
| Chapter 9                  | Angles on a Straight Line                 |  |  |  |
|                            | Angles at a Single Point                  |  |  |  |
|                            | Angles in a Triangle                      |  |  |  |
|                            | Angles on Parallel Lines                  |  |  |  |
|                            | Use Corresponding Angles                  |  |  |  |
|                            | Use Alternate Angles                      |  |  |  |
|                            | Angles in Quadrilaterals                  |  |  |  |
| Coordiantes and Lines      | Plot Points in all Four Quadrants         |  |  |  |
| Chapter 8                  | Find Point and Plot Straight Lines        |  |  |  |
|                            | Use Graphs to Predict                     |  |  |  |
|                            | Use Real Life Graphs                      |  |  |  |
| Fractions/%/Decimals       | Convert Between Fract/%/Decimal           |  |  |  |
| Chapter 11                 | Fraction of an Amount                     |  |  |  |
|                            | Find % of an Amount without Calculator    |  |  |  |
|                            | Find % of an Amount with Calculator       |  |  |  |
| Equations                  | Solve Equations with unknown on one side  |  |  |  |
| Chapter 14                 | Solve Equation with unknown on both sides |  |  |  |
|                            | Solve Equations with Brackets             |  |  |  |
|                            | Form and Solve Equations                  |  |  |  |
| Probability                | Use Probability Scales                    |  |  |  |
| Chapter 12                 | Sample Space Diagrams                     |  |  |  |
|                            | Experimental Probability                  |  |  |  |
| Ratio (After Easter Topic) | Simplify Ratios                           |  |  |  |
| Chapter 17                 | Convert between Ratio and Fractions       |  |  |  |

**REMEMBER THE ONLY WAY TO REVISE MATHS**

**IS TO ACTUALLY DO QUESTIONS!!**

Use your exercise books and textbooks as your primary resource but don't forget you can use Mymaths (Login: Henry8, Password: Hexagon).

If you need additional help then pop into KS3 workshop:

Thursday M4 1.30pm onwards

Friday M3 1.30pm onwards