

## **Maths Half Term 1 Assessments**

### Year 8 Assessment

Year 8 will be sitting an in-class assessment on **Monday 21 October**. This will be **non-calculator**.

#### **Revision Lists:**

Rounding (to integers (M111), tens, hundreds, thousands, decimals and significant figures M131))

Estimating (M878)

Calculations with decimals (U868, M152, U293, M553, M803)

Converting metric units (M530, M772)

Converting, comparing and ordering fractions, decimals and percentages (M264)

Finding percentages of amounts (M476, U286)

Find fractions of amounts (M695)

Percentage increase and decrease (M533, U533)

### Year 9 Assessment

Year 9 will be sitting an in-class assessment on **Tuesday 22 October**. This will be **non-calculator**.

#### **Revision Lists:**

Probability (From the end of year 8)

Rounding and Estimation

Calculating with decimals

Covertng metric units

FDP equivalence

Fractions

Percentages

# Year 10 Assessment

Year 10 will be sitting an in-class assessment on **Monday 21 October**. This will be **non-calculator**.

Higher	Topic
<b>Number</b>	Laws of indices
	Fractional indices
	Negative indices
	Simplifying surds
	Rationalise the denominator
	Percentage increase/decrease
	Reverse percentages
	Upper & lower bounds
<b>Algebra</b>	Factorise quadratics
	Factorise quadratics with coefficients
	Solve by factorising
	Difference of two squares
	Solve linear equations

Foundation	Topic
<b>Number</b>	Ordering integers
	Ordering positive & negative numbers
	Ordering decimals
	4 operations with decimals
	Round to decimal places
	Round to significant figures
	BIDMAS
	Rules of indices
	Factors
	Primes
	Prime decomposition
	HCF
	LCM
<b>Algebra</b>	Collecting like terms
	Simplifying expressions
	Multiply a single term over a bracket
	Factorise into a single bracket
	Substitute into expressions
<b>Statistics</b>	Stem and leaf diagrams
	Mode
	Median
	Range
	Mean

# Year 11 Assessment

Year 11 will be sitting an in-class assessment on **Monday 21 October**. This assessment will be based on topics which appear in the GCSE exam every single year. These are topics which we will be pushing Year 11 to be fluent in so that they are able to be successful in the exam. For this reason, I am providing a revision list for this assessment but there will not be one for the mock exams. These topics have featured in one of the 3 papers **every** year since 2017 and therefore need to be a priority for Year 11 in their revision.

The assessment will be **non-calculator**.

## Revision Lists:

<b>Higher</b>	<b>Foundation</b>
Product Rule	Fractions, decimals and percentages
Index Laws	Operations with fractions
SOHCAHTOA	Rounding
Direct/inverse proportion	Sharing in a ratio
Multiple ratio problems	Factors and multiples
Density, mass, volume	Calculations with money
Compound interest	Direct proportion
Error intervals	Like terms
Quadratic graphs	Fractions of amounts
	Factorising
	Probability