



Ramsey Grammar School

Scoill Ghrammeydys Rhumsaa

Invest, Believe, Achieve Together

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Headteacher

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Dear Parent/Carer

Year 10 Maths

I am writing to inform you that Year 10 have their first Maths assessment of this academic year shortly. This assessment covers all topics taught since the start of September (please find the revision lists on the reverse of this letter). Students will sit their assessment in class during their usual lesson on **Thursday 23rd October** (P2: 09:55 – 10:45). Any students who require different arrangements to ensure they can access the assessment will be accommodated for.

Please can I ask that you ensure your child has the following equipment with them:

- Pen
- Pencil
- Ruler
- Rubber

This is a non-calculator paper so students should not have their calculator out for this assessment. They should still bring their calculator to school.

Kind regards

Emma Nicholson
KS4 Mathematics Coordinator

Higher	Foundation
• Properties of numbers. • Understand and use the symbols ($=$, $\neq$, $<$, $>$, $\leq$, $\geq$). • Order positive and negative integers and decimals. • Equivalent fractions and ordering fractions. • Four operations with ◦ integers (multiple digits). ◦ decimals. ◦ proper/improper fractions and mixed numbers. • BODMAS. • Prime Factorisation. • HCF & LCM (including using prime factorisation). • Use positive integer powers and associated real roots. • Estimate powers and roots of any given positive number. • Calculating with powers and roots. • Rules of indices (including negative and fractional). • Surds ◦ Simplify expressions. ◦ Rationalise the denominator. • Calculate exactly with fractions and surds. • Estimation.	• Properties of numbers. • Understand and use the symbols ($=$, $\neq$, $<$, $>$, $\leq$, $\geq$). • Order positive and negative integers and decimals. • Equivalent fractions and ordering fractions. • Four operations with • integers (multiple digits). • decimals. • proper/improper fractions and mixed numbers. • BODMAS. • Prime Factorisation. • HCF & LCM (including using prime factorisation). • Use positive integer powers and associated real roots. • Estimate powers and roots of any given positive number. • Calculating with powers and roots. • Rules of indices. • Round numbers and measures to decimal places and significant figures. • Use inequality notation to specify simple error intervals due to truncation or rounding. • Use standard units of mass, length, time, money and other measures (including standard compound measures) using decimal quantities where appropriate • Estimation.