

# Core Maths fundamentals

For AQA 2A

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Here is a reduced list of things that you really should be good at before walking in to your Core Maths exam. This list is **not** the entire course.

Paper 1	
Estimation	Include words. Think about lay out.
Income Tax	Remember the personal allowance.
National Insurance	No deduction – just the table.
Student loans	9% of money earned above the relevant threshold.
Histograms	Frequency density. Area is the frequency.
Box plots	What are the five main values?
Percentages	Increase or decrease. Using a multiplier.
Compare data	Compare the averages. Compare the spreads.

Paper 2	
Sampling	What are the main ones? What is bias?
Mean	How to do this on your calculator.
Standard Deviation	Calculator method. It shows variability.
Correlation	Find PMCC on the calculator.
Regression	$y = a + bx$ from calculator.
Normal Distribution	Find z Know how to use the table.
Online Nation	What are improvements that could be made?