

## Year 11 autumn assessment - EDEXCEL Paper 3 Foundation (Calculator)

You will be taking Paper 3 in the first week of October 2017 (date to be confirmed in September). **It is clear from the recent exam season that it is essential for you to practice many questions from each topic for you to be able to tackle the problem solving style of question that is now common.** It is also important to use the correct **resources for your revision which are the Edexcel GCSE textbook (available to buy from school) and mathswatch online.**

Below is the list of topics from paper 3 with mathswatch clip number. You must revise all the topics by working out practise questions (extra questions are available in the work sheet attached to each video).

Topic	Mathswatch
Rounding numbers to the nearest 10, 100 etc.	30
Ordering decimal numbers	3
Interpreting a bar graph	15
Multiplying decimal numbers – Must be able to use the skill to solve problems from real life	66
Mean median mode from a list of numbers Range of data	62
Fraction of a number – Must be able to use the skill to solve problems from real life	72
Conversion from litre to ml – problem solving	112
Loci – Constructing bisector and circles	146a, 165
Writing quantities as ratio in its simplest form	38
Angle facts – Problem solving using one or more angle facts	45, 120, 121
Proportion – recipe problems	42
Drawing linear graph	96
Generating sequence from its nth term	37, 102
Simplify by collecting like terms	33
Factorising simple expressions	94
Changing the subject of a formula	101
LCM of numbers – Must be able to solve problems – example are there in mathswatch video	80
Expanding brackets – multiplying double brackets	134b
Frequency polygon – How to draw a frequency polygon	65b
Working out the original quantity – Reverse percentage	110
Interior and exterior angles in polygons	123
Area of circle and semi-circle	117
Probability tree diagrams	151
Standard form	83
Missing angle in a right triangle - Trigonometry	168