



Key Stage 4 Mathematics – GCSE Exam Board: Edexcel Mathematics 8300

Year 10	Year 11
<i>Indices, Standard Form and Surds</i>	Set 1: OCR FSMQ & Edexcel GCSE Mathematics Specification: https://www.ocr.org.uk/Images/457916-specification-from-2018-.pdf Textbook: OCR Level 3 Free Standing Mathematics Qualification: Additional Maths (2nd edition) ISBN: 1510449647
<i>Probability</i>	
<i>Collecting and Representing Data</i>	
<i>Statistical Measures</i>	
<i>Basic Algebra Review and Linear Equations</i>	
<i>Sequences</i>	
<i>Numerical Methods</i>	
<i>Quadratic Expressions</i>	
<i>Rearranging Formulae</i>	Set 2: Level 2 Further Mathematics & Edexcel GCSE Mathematics Specification: https://filestore.aqa.org.uk/resources/mathematics/specifications/AQA-8365-SP-2018.PDF Textbook: AQA Certificate in Further Mathematics ISBN: 1510446931
<i>Inequalities</i>	
<i>Coordinates and Linear Graphs</i>	
<i>Further Equations and Graphs</i>	
<i>Simultaneous Equations</i>	
<i>Angles, Scale Diagrams and Bearings</i>	
<i>Construction and Loci</i>	
<i>Congruence and Similarity</i>	
<i>2D Representations of 3D Shapes</i>	Set 3: Edexcel GCSE Mathematics Specification: https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/specification-and-sample-assesment/gcse-maths-2015-specification.pdf Textbook: Edexcel GCSE (9-1) Mathematics: Higher Student Book (Edexcel GCSE Maths 2015)
<i>Transformations</i>	
<i>Circle Theorems</i>	
<i>Pythagoras and Trigonometry</i>	
<i>Direct and Inverse Proportion</i>	



<i>Vectors</i>	
<i>Sketching Graphs</i>	
<i>Transforming Functions</i>	
<i>Algebraic Fractions</i>	
<i>Perimeter Area and Volume</i>	
<i>Real Life Graphs</i>	
<i>Gradients and Rates of Change</i>	
<i>Pre-calculus and Area under a Curve</i>	

