

## Content overview

All candidates study the following topics:

- 1 Functions
- 2 Quadratic functions
- 3 Factors of polynomials
- 4 Equations, inequalities and graphs
- 5 Simultaneous equations
- 6 Logarithmic and exponential functions
- 7 Straight-line graphs
- 8 Coordinate geometry of the circle
- 9 Circular measure
- 10 Trigonometry
- 11 Permutations and combinations
- 12 Series
- 13 Vectors in two dimensions
- 14 Calculus

The subject content is organised by topic and is **not** presented in a teaching order. This content structure allows flexibility for teachers to plan delivery in a way that is appropriate for their learners. Learners are expected to use techniques listed in the content and apply them to solve problems with or without a calculator, as appropriate.

## Assessment overview

All candidates take two components. Candidates will be eligible for grades A\* to E.

Candidates should have a scientific calculator for Paper 2. Please see the *Cambridge Handbook* at [www.cambridgeinternational.org/eoguide](http://www.cambridgeinternational.org/eoguide) for guidance on use of calculators in the examinations. Calculators are **not** allowed for Paper 1.

All candidates take:		and:	
<b>Paper 1</b>	2 hours	<b>Paper 2</b>	2 hours
Non-calculator	50%	Calculator	50%
80 marks		80 marks	
Structured and unstructured questions		Structured and unstructured questions	
Use of a calculator is <b>not</b> allowed		A scientific calculator is required	
Externally assessed		Externally assessed	

Information on availability is in the **Before you start** section.