



ESTABLISHED 1929

Gosfield School

Edexcel GCSE Mathematics

Assessment Overview

- You will be assessed by three externally examined papers: Paper 1, Paper 2 and Paper 3.
- Each paper will last for 1 hour and 30 minutes and is worth 33.3% of the Qualification.
- Each paper has a range of question types; some questions will be set in both mathematical and non-mathematical contexts.

Paper 1:

80 Marks

No Calculator

Overview of Content:

1. Number
2. Algebra
3. Ratio, proportion and rates of change
4. Geometry and measures
5. Probability
6. Statistics

Paper 2: Calculator

80 Marks

Calculator allowed

Overview of Content:

1. Number
2. Algebra
3. Ratio, proportion and rates of change
4. Geometry and measures
5. Probability
6. Statistics

Paper 3: Calculator

80 Marks

Calculator allowed

Overview of Content:

1. Number
2. Algebra
3. Ratio, proportion and rates of change
4. Geometry and measures
5. Probability
6. Statistics

Assessment Objectives

AO1 Use and apply standard techniques Students should be able to: • accurately recall facts, terminology and definitions • use and interpret notation correctly • accurately carry out routine procedures or set tasks requiring multi-step solutions.

AO2 Reason, interpret and communicate mathematically Students should be able to: • make deductions, inferences and draw conclusions from mathematical information • construct chains of reasoning to achieve a given result • interpret and communicate information accurately • present arguments and proofs • assess the validity of an argument and critically evaluate a given way of presenting information.

AO3 Solve problems within mathematics and in other contexts Students should be able to: • translate problems in mathematical or nonmathematical contexts into a process or a series of mathematical processes • make and use connections between different parts of mathematics • interpret results in the context of the given problem • evaluate methods used and results obtained • evaluate solutions to identify how they may have been affected by assumptions made.

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REVISION GUIDE

Area for Revision	Resources	Strategy
Question Level Analysis	www.pinpointlearning.co.uk Smith Proformas	<ul style="list-style-type: none">Use PinPoint Learning to consolidate examination practice –
Topics identified from above	Revision guides. CGP textbooks YouTube/Hegarty Maths Classroom teacher	<ul style="list-style-type: none">Use a variety of resources to practice the skills identified as weaknesses using PinPoint Learning.
Examination practice	Practice paper homework starting in the new year.	<ul style="list-style-type: none">Weekly practice paper homework to practice examination technique and skills.
Examination timing skills	Mocks Practice paper homework starting in the new year	<ul style="list-style-type: none">Use mock exams to practice timing for examinations, to ensure maximum efficiency.
Intervention sessions	Sessions in the new year, targeted at topics and grades	<ul style="list-style-type: none">Attend sessions and bring along questions you want to work on.