

Teach **GCSE Statistics** with us

A complementary qualification for
your learners alongside GCSE Maths



About GCSE Statistics

Want to empower your learners to make confident decisions? GCSE Statistics not only encourages learners to collect, analyse, interpret and present data but it also helps shape their future.

Complementing a wide range of subjects at both GCSE and A-level, GCSE Statistics opens a door to a variety of vocations, from weather forecasting to the biological sciences. It can transform interests into careers.

Statistics isn't just a subject; it's a strategic advantage, a life skill, and a stepping stone to boundless opportunities. Sign up today and support your learners on their path to success:

[aqa.org.uk/stayconnected](https://www.aqa.org.uk/stayconnected)

Content overview

The specification content covers the subject content that will be assessed through both papers. The following areas will be covered within the course:

- Collecting, recording and processing data
- Data collection principles
- Representing data
- Comparing data
- Interpretation and evaluation of data.



"AQA GCSE Statistics is a great option for schools and for students. Not only is it a well-respected academic qualification, it can also help students to achieve a higher grade in Mathematics, and aids in the transition from GCSE Mathematics to the Advanced Level. Statistics also has cross-curricular links to other subjects such as Geography and some of the Social Sciences, for instance, Spearman's Rank and Choropleth Maps are both used in Geography."

Paul Norris, Teacher of Mathematics, Wales High School

How is the assessment structured?

The GCSE Statistics qualification is linear, which means that learners will sit all their exams at the end of the course. To enable them to show their breadth of knowledge and understanding, we've created a simple and straightforward structure and layout to our papers, using a mixture of question styles.

GCSE Statistics has a Foundation tier (grades 1 – 5) and a Higher tier (grades 4 – 9).

Learners must take two question papers at the same tier. Both question papers must be taken in the same series and any content may appear on either paper.

The qualification is broken down into two written papers:

Paper 1
What's assessed All specification content.
How it's assessed <ul style="list-style-type: none">• Written exam: 1 hour 45 minutes• Tiered Higher and Foundation• 80 marks• 50% of GCSE
Questions <ul style="list-style-type: none">• Multiple choice, short answer and a Statistical Enquiry Cycle (SEC) question.

Paper 2
What's assessed All specification content.
How it's assessed <ul style="list-style-type: none">• Written exam: 1 hour 45 minutes• Tiered Higher and Foundation• 80 marks• 50% of GCSE
Questions <ul style="list-style-type: none">• Multiple choice, short answer and a Statistical Enquiry Cycle (SEC) question.

Statistical Enquiry Cycle (SEC)

The Statistical Enquiry Cycle is the set of stages through which Statistical investigations pass from:

- setting hypotheses and the strategy for the investigation
- deciding on sampling and data collection methods and then collecting the data
- diagrammatic representations of results interpreted
- suitable measures found and interpreted
- findings interpreted in the context of the investigation
- evaluation of the effectiveness of all aspects of the investigation.

All qualifications in GCSE Statistics are required to have at least one SEC question per tier, where learners answer questions on multiple aspects of the SEC within one context.

Co-teachability with our maths qualifications

Our qualification is fully co-teachable alongside our GCSE Maths, helping you teach GCSE Statistics learners in the same class.

Topics are clearly and logically structured and include:

- understanding the importance of careful planning, a clear strategy for collecting, recording and processing data in order to address an identified question or hypothesis
- generating data visualisation and understanding the maths involved

Why choose AQA?

Our GCSE Statistics qualification is designed to be taught alongside or after GCSE Maths to prepare learners for further studies at Level 3, as well as to support in other subjects at both GCSE and A-level. This approach gives you the freedom to explore the application of maths with your learners, whether that's applying to everyday use or showing the transferable skills between maths and sciences.

We're here to support you every step of the way. Like you, our priority is the learners in your care. We want to help you to ensure they're confident and well-prepared mathematicians through our assessments and we've got a great bank of resources, past papers and experience to help you teach.

Want to benefit from our improved papers, a wide range of resources, a dedicated team of experts and so much more? Switching to AQA Maths has never been so easy. Join us today.

Scan the QR code to register your interest:



Resources and Support on All About Maths

We know that support and resources are vital for your teaching and that you have limited time to find or develop good quality materials. We've worked with experienced teachers to provide you with a range of resources that will help you plan, teach and prepare for exams with confidence.

You'll have access to the best free resources on All About Maths, our online resource site for maths teachers, where you can access:

- Detailed teaching guidance including links to GCSE Maths
- A scheme of work
- Past papers
- Additional practice papers
-

Find more of our free resources at: allaboutmaths.aqa.org.uk

Get in touch

Our teams are experts in assessment. We're also experts at giving you the support you need, when you need it.

Contact the team on: **0161 957 3852**

or email: **maths@aqa.org.uk**

Follow us on X/Twitter: **[@AQAMaths](https://twitter.com/AQAMaths)**

Copyright © 2023 AQA and its licensors. All rights reserved.

AQA Education (AQA) is a registered charity (registered charity number 1073334) and a company limited by guarantee registered in England and Wales (company number 3644723).
Registered address: AQA, Devas Street, Manchester M15 6EX.

September 2023