Genuine job and university interview questions:

- How many black cabs are there in London?

- How many M&Ms can you fit in this room?

- How many computers are there in the UK?

- How many trees are there in Canada?

CANNOCK CHASE HIGH SCHOOL

ACHIEVEMENT FOR ALL

Why are these questions used in interviews?

Skills valued in 1985:
- Knowledge
- Following instructions
- Reliability and accuracy

Skills valued today:
- Application
- Innovation
- Communication
- Problem solving

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A C H I E V E M E N T   F O R   A L L

What is Core Maths?

Versatile qualification equal in size to an AS level

Supports the maths in other courses

Relevant to the world we live in

Maths of life and the workplace

Excellent preparation for university

A course that develops valuable mathematics skills

For any student with at least a GCSE Mathematics grade 4 (preferably a 5)

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ACHIEVEMENT FOR ALL

Main content of Core Maths

- Financial Maths

- Statistics & Probability

- Critical analysis of information (e.g. newspaper headlines, misleading graphs)

- Spreadsheets and solving 'real-life' problems

- Estimation

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A C H I E V E M E N T   F O R   A L L

What is Core Maths like?

How much domestic water does the UK require every year?

A new teacher earns £23,000 per year, has no student loans, and pays 7.4% of their salary into a pension scheme.
What is the teacher's net monthly salary after tax and national insurance contributions?

A genetic disease occurs in one in every 10,000 people. A test for the disease is accurate 98% of the time. If you are tested and the result is positive, what are the chances of you actually having the disease?

The speed of cars driving down a road with a speed limit of 50mph is recorded. The mean speed was 47mph and the standard deviation of the speeds 5mph. What percentage of the cars were breaking the speed limit?

Why study Core Maths?

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A C H I E V E M E N T   F O R   A L L

You'll learn how to:

- Use mathematics to deepen your understanding of the world around you.

- Use mathematics to help you make the best decisions.

- Perform important mathematical processes used in many other A level and vocational subjects.

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A C H I E V E M E N T   F O R   A L L

Maths content in other A levels

Geography   (no specific percentage but geographical skills include quantitative and qualitative skills equally)

Economics   (at least 20%)

Biology   (at least 10%)

Business   (at least 10%)

Psychology   (at least 10%)

PE   (at least 5%)

Sociology   (no specific percentage but you will be analysing data)

Exemplar University Alternative Offers

Typical offer A level	Alternative offer A level
A*AA	AAA
AAA or A*AB	AAB
AAB	ABB

- Applies to all degrees that **do not require** A level Maths
- For students achieving a **grade B or A** in **Core Maths**

Courses: Architecture, Business Courses, Biosciences, Chemistry, Pharmacy, Education, Health and Sport degrees, Languages, Politics, Psychology, and Social Sciences

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The University of Sheffield

If we offer you a place on certain courses with a GCSE Maths requirement, and you're taking a Core Maths qualifications, we'll make you an alternative offer equivalent to one A Level grade below the standard entry requirements for your course, subject to you achieving a specific grade in Core Maths.

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The University of Sheffield

BSc Psychology: AAB including 1 specified science, or ABB, including 1 specified science + A in Core Maths

BSc Quantitative Social Sciences: ABB or BBB + B in Core Maths

BA Architecture: AAA or AAB + B in Core Maths

BSc Biomedical Science: AAB, including two science subjects, or ABB, including two science subjects + B in Core Maths

The University of York

If you achieve B or higher in Core Maths, you may be eligible for an alternative offer up to one A level grade (or equivalent) below our typical offer.

This applies to a wide range of courses including Biology, Business and Management, History of Art, Midwifery Practice, Music, Philosophy, Social Work

CANNOCK CHASE HIGH SCHOOL

ACHIEVEMENT FOR ALL

UCAS points

You will receive additional UCAS points, on top of those from your three A-level choices. The amount depends on your final grade:

A – 20 points

B – 16 points

C – 12 points

D – 10 points

E – 6 points

Studying Core Maths at CCHS

- Here you will study Core Maths over 2 years

- You will get 1 hour of Core Maths time per week during enrichment

- You will sit two exams in May of year 13

- Must achieve a pass in both GCSE Maths and English, preferably a 5 in Maths

CANNOCK CHASE HIGH SCHOOL

A C H I E V E M E N T   F O R   A L L