



Core Maths

Induction Day 2024



What is Core Maths?

'Core Maths' qualifications are designed to better prepare students for the mathematical demands of study, employment and life.

Heavily supports you in the study of subjects such as:

- Accountancy/Economics
- Business Studies
- Biology/Chemistry/Physics
- Psychology/Sociology
- Geography/History
- Computer Science/ IT

Why should I study Core Maths?

- Only 20% of students study maths beyond GCSE in the UK – the lowest rate in leading developed countries in the world; in Japan, this figure is 85%.
- The Higher Education STEM project reported that many students arrive at university with unrealistic expectations of the mathematical and statistical demands of their subjects.
- Level 3 Qualification- equivalent to an AS level

Grade	UCAS Points
A	20
B	16
C	12
D	10
E	6



What's covered?

There are seven main themes in the course:

Analysis of
data

Personal
Finance

Estimation

Critical
Analysis

Normal
Distribution

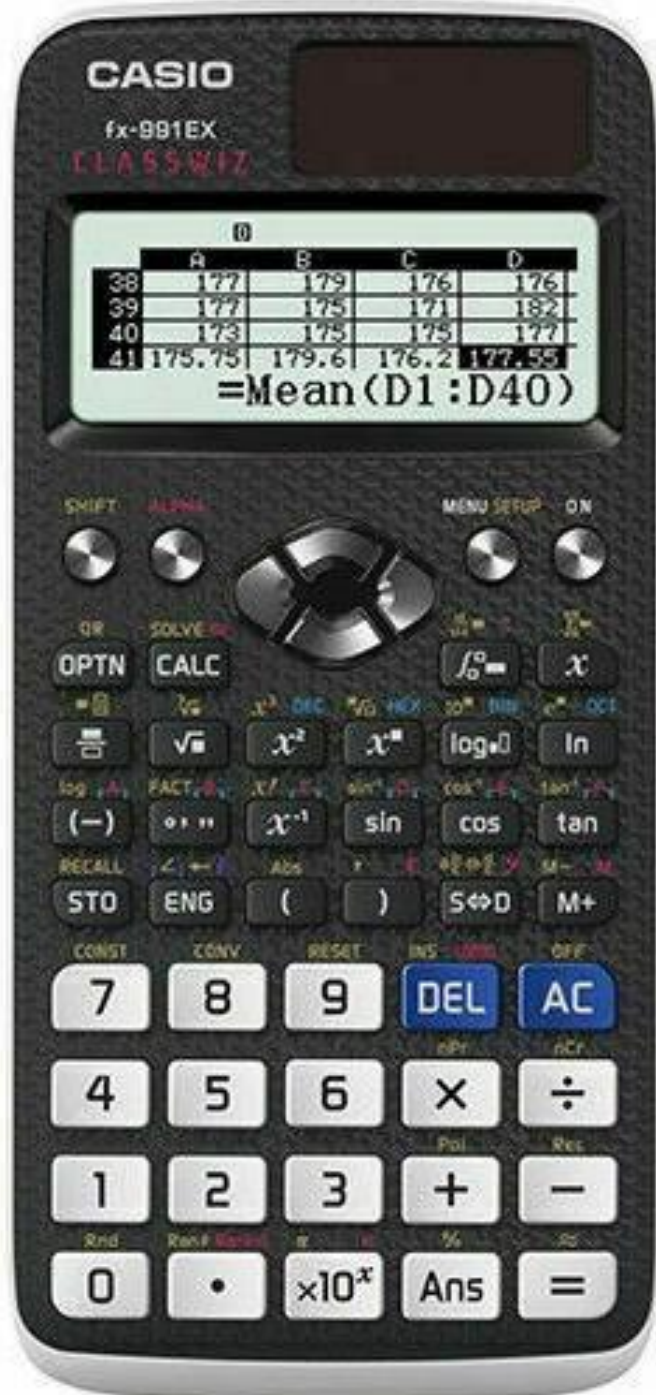
Probability

Correlation &
Regression



Examinations

- **2 exam papers**
 - **90 minutes**
 - **60 marks**
 - **Scientific calculator allowed**
 - **Formulae sheet provided**
-
- **Dates: 14th May 2025 and 22nd May 2025**
 - **You do not continue with lessons after this date**



You must provide
your own calculator

Casio FX991-EX







OR

Casio FX991-CW

How many times has your heart beat in your lifetime?

In an average lifetime, how many times does a heart beat?

Goals

1		Germany	8
2		Austria	6
3		Türkiye	5
3		Switzerland	5
3		Spain	5
3		Portugal	5

Possession (%)

1		Germany	64.3
1		Portugal	64.3
3		England	59.7
4		Belgium	55.7
5		Croatia	55.3
6		France	54.3

Passing accuracy (%)







1		Germany	93
2		England	90
2		Spain	90
2		Portugal	90
5		France	89.7
6		Croatia	89.3

Tackles

1		Georgia	55
2		Austria	51
2		Hungary	51
4		Slovenia	50
5		Czechia	45
5		Türkiye	45

Who is going to win Euro 2024?

Balls recovered

1		Georgia	134
2		Austria	132
3		Croatia	126
3		Portugal	126
5		Denmark	125
6		France	124

Saves

1		Georgia	20
2		Poland	16
3		Romania	13
4		Netherlands	12
4		Italy	12
4		Slovakia	12

Clean sheets

1		Spain	3
2		France	2
2		England	2
2		Belgium	2
5		Netherlands	1
5		Slovakia	1