



Oxford Cambridge and RSA

Wednesday 8 June 2022 – Afternoon

Level 3 Certificate Core Maths A (MEI)

H868/02 Critical Maths

Insert

Time allowed: 2 hours



INSTRUCTIONS

- Do **not** send this Insert for marking. Keep it in the centre or recycle it.

INFORMATION

- This Insert contains the pre-release material that you have already seen.
- This document has **4** pages.

A: Attainment 8 and Progress 8

Progress 8 is the main measure used in England to compare the performance of schools at Key Stage 4.

It was introduced in 2016.

The measure is based on calculating a value called *Attainment 8* for students finishing year 11.

Attainment 8

Attainment 8 measures students' attainment across 8 qualifications:

- A Maths element. This is double weighted.
- An English element based on the **higher** point score of **either** a student's English Language qualification **or** their English Literature qualification.
This will be double weighted as long as a student has taken both qualifications.
- An element which includes the three highest point scores from the EBacc subjects.
The EBacc subjects are the Sciences, History, Geography, Computer Science, and Languages.
- The open element contains the three highest point scores in any three other subjects, including English Language or Literature (if not already counted in the English slot), further GCSE qualifications or any other technical awards from the DfE approved list.

The points awarded for a GCSE (9–1) qualification are equal to the grade attained.

Other qualifications which can count towards Attainment 8 are allocated points scores for each grade.

As an example, consider a student who takes GCSEs in year 11 and gains the following grades.

The student does not take any other qualifications.

Subject	Grade
Maths	7
English Language	8
English Literature	6
Biology	7
Chemistry	6
Physics	6
Art	4
Spanish	7
Religious Studies	2

The qualifications used in the Attainment 8 score are shown in the table on the next page.

Element	Subject	Grade	Points
Maths	Maths	7	14
English	English Language	8	16
EBacc	Biology	7	7
EBacc	Spanish	7	7
EBacc	Chemistry	6	6
Open	English Literature	6	6
Open	Physics	6	6
Open	Art	4	4
		Total	66

The Attainment 8 score for this student is 66.

Progress 8

Progress 8 is a score that can be used to measure the amount of progress an individual student has made from KS2 at the end of primary school to KS4 at the end of year 11.

Progress 8 is calculated by comparing an individual student's Attainment 8 score with those of similar students nationally.

Similar students are those who had similar assessment results at the end of KS2.

The higher the Progress 8 score, the more progress made by the student compared to similar students.

Progress 8 can also be calculated for a school.

A school's Progress 8 score is calculated as the average of its students' Progress 8 scores.

It gives an indication of whether, as a group, students in the school made above or below average progress compared to similar students in other schools.

- A score of zero means students in this school, on average, made the same progress at KS4 as similar students across England.
- A score above zero means students, on average, made more progress than similar students across England.
- A score below zero means students, on average, made less progress than similar students across England.

Progress 8 scores are published each year for schools in England.

For students in mainstream schools, the average Progress 8 score is zero.

As well as a school's overall Progress 8 measure, separate progress measures are published for the various elements making up Progress 8: the Mathematics element, the English element, the EBacc element and the open element.

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