



Changes to Education – A Parent’s Guide Factsheet: The New Progress 8 measure

Currently all students and schools are measured on how many GCSE’s they achieve at A*-C including English and Mathematics.

From 2016 all students and schools will be measure on how much progress they make from when they start in Year 7 to when they complete their exams at the end of Year 11.

This will be known as Progress 8

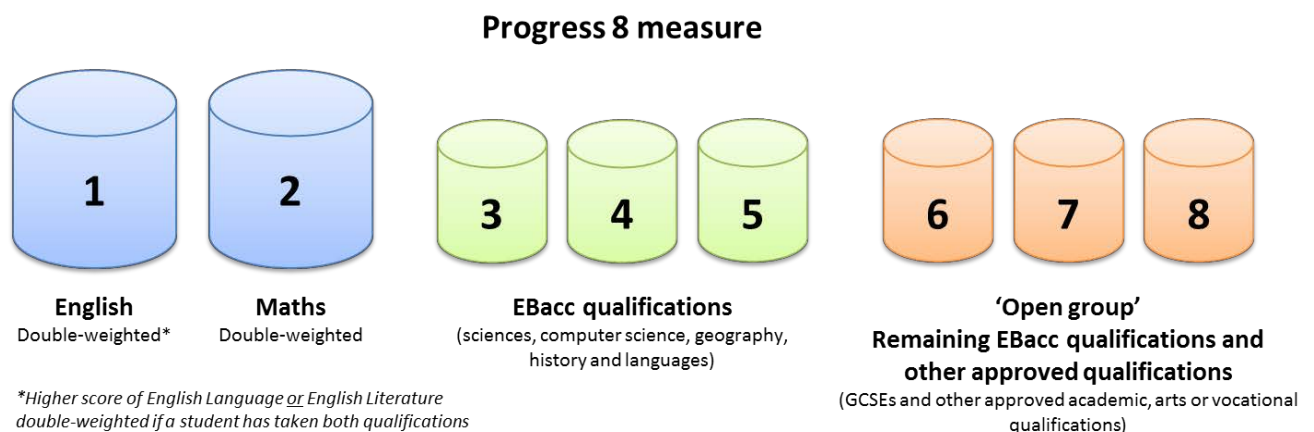
Progress 8

In 2016 Progress 8 will be introduced for all.

The Progress 8 measure is designed to encourage all students to study a broad and balanced curriculum.

The new measure will be based on students’ progress measured across eight subjects

For each student the 8 subjects must be a combination from the diagram below.



The Progress 8 score will always be determined by dividing the points total by 10 (the eight qualifications with English and Mathematics counting double), regardless of how many qualifications your child sits or in which subjects.



Calculating Attainment 8

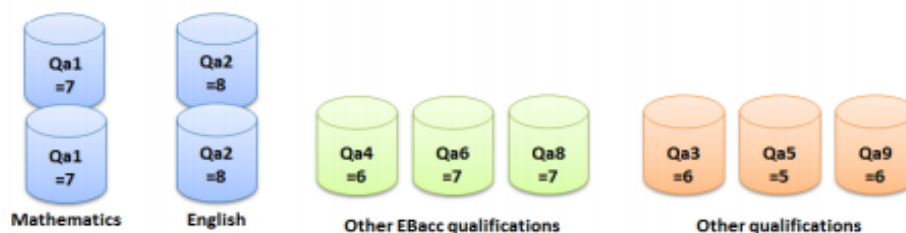
Worked Example A

Table 1 sets out how the Attainment 8 score would be calculated for a particular pupil, Gillian.

Table 1: Key stage 4 results for Gillian

ID	Qualification	Grade	Points	Included in the measure	Element	Doubled?	Total points
Qa1	GCSE mathematics	A	7	✓	Maths	✓	14
Qa2	GCSE English language	A*	8	✓	English	✓	16
Qa3	GCSE English literature	B	6	✓	Other	*	6
Qa4	GCSE additional science	B	6	✓	EBacc	*	6
Qa5	GCSE art	C	5	✓	Other	*	5
Qa6	GCSE core science	A	7	✓	EBacc	*	7
Qa7	GCSE French	A*	8	*			
Qa8	AS Level French	C	7	✓	EBacc	*	7
Qa9	GCSE Spanish	B	6	✓	Other	*	6
Qa10	GCSE religious studies	D	4	*			

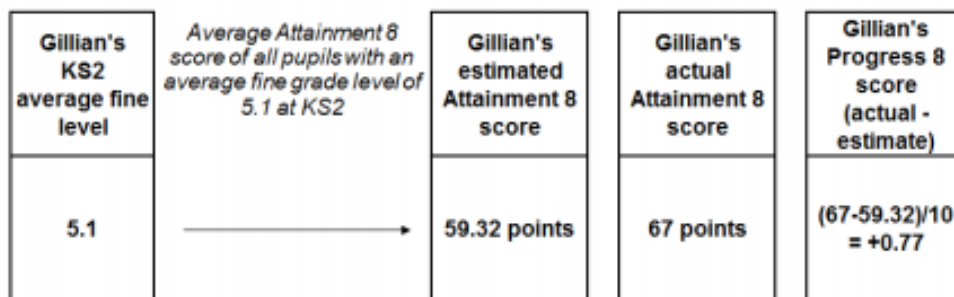
Referring to the IDs of qualifications above, the following illustrates the calculation of the Attainment 8 score for Gillian:



$$\begin{aligned}
 \text{Attainment 8 score} &= (Qa1 + Qa1) + (Qa2 + Qa2 \text{ as taken English literature}) \\
 &\quad + Qa4 + Qa6 + Qa8 + Qa3 + Qa5 + Qa9 \\
 &= (7 + 7) + (8 + 8) + 6 + 7 + 7 + 6 + 5 + 6 \\
 &= 67
 \end{aligned}$$



Gillian's Progress 8 score is the difference between her actual Attainment 8 score and the estimated Attainment 8 score, divided by 10 that is, $67 - 59.32 = +7.68 / 10 = 0.77$.



This means that Gillian has achieved an average of over three quarters of a grade better per subject than other pupils with the same prior attainment.

Each student will also leave school with the following information;

(This will also be available about schools, for parents to be able to compare school performance)

- **Attainment 8** – showing the pupils' average achievement in the same suite of subjects as the Progress 8 measure (total points)
- **English and Mathematics** – If your child achieved a C grade or better in both English (either Language or Literature) and Mathematics.
- **The EBacc** – If your child achieved good grades (A*-C) across a range of academic subjects

Below is a mock example of what your child would leave the Blacon High School with at the end of Year 11

Students' Progress 8 Score (progress against KS2 scores)	Students' Attainment 8 score (total points from 8 grades)	Achieved Maths and English at C grade or better	Achieve EBacc subjects at C grade or better
+1.2	53.0	Yes	Yes



Qualifications that will count towards the Progress 8 measure

All full-course GCSEs count towards the Progress 8 measure, along with any approved, high-value qualifications.

Other approved qualifications

Up to three vocational qualifications can count towards the Progress 8 measure.

In the open group of subjects, any GCSE can count, or any of the high-value, approved vocational and academic qualifications can count.

Double-weighting of English

All Students at Blacon High School will study both English Language and English Literature. When results are in, the higher grade will count twice and the lower grade will form part of Progress 8 if one of their best 8 grades.

All Students at Blacon High School will study Mathematics. The result of this will automatically count twice.

Science subjects

All students at Blacon High School will study Science up to the age of 16.

Double science will count as two slots, and core and additional science GCSE will take up one slot each in the Progress 8 measure.

Separate GCSEs in biology, chemistry and physics each count as one slot.

EBacc measure

The EBacc recognises the success of those young people who attain GCSEs, at grades A*-C in the following subjects –

English, Mathematics,

Geography or History

Science

Language

