

2011 KS2 – KS4 PROGRESS MEASURES

Background

1. The percentage of pupils making expected progress between the end of Key Stage 2 (KS2) and the end of Key Stage 4 (KS4) in English and separately in maths has been reported in the Secondary School Performance Tables since 2009.
2. In the past, there have slight differences between the methodology used to calculate national level figures published in Statistical First Releases and that used to calculate school level figures in Performance Tables. The methodology has been revised slightly in 2011 to ensure that the best of both of the previous methodologies is used and applied to all levels of reporting progress.
3. The main methodological difference is that the figures published in the 2010 Performance Tables used only Key Stage test results, whereas we now use teacher assessments for some pupils (those who achieved a level 2 or a non-numerical level in the test). This means that pupils who had a teacher assessment but did not have a Key Stage 2 test result are now included in the measure.

What is published in the Performance Tables?

4. Headline indicators in the Tables will report on:
 - The percentage of pupils making expected progress in English between the end of KS2 and the end of KS4;
 - The percentage of eligible pupils included in the English progress measure (coverage);
 - The percentage of pupils making expected progress in maths between the end of KS2 and the end of KS4; and
 - The percentage of eligible pupils included in the maths progress measure (coverage).
5. The table below shows how levels at KS2 are mapped to GCSE grades in English or mathematics to determine whether a pupil can be included in the progress measure and, if included, whether or not they have made expected progress in the subject. The measure of expected progress is built on the principle that pupils achieving a level 4 in English or in mathematics by the end of KS2 should be expected to achieve at least a C grade at GCSE in that subject.
6. The highest standardised points are used in the calculation of the GCSE English and mathematics level. Therefore if a pupil at the end of Key Stage 4 has taken a GCSE in English and gained a grade A, and also taken a GCE AS level in English and gained a grade D, the standardised points of the GCSE (52) will be used and not the standardised points of the GCE AS level (45).
7. Where AS levels are counted in place of GCSEs, those pupils with grade D and above are deemed to have made expected progress, whereas those who achieve a grade E are treated as reaching national curriculum level 7, the equivalent of grade C at GCSE.

Matrix showing how the English and mathematics progression measure is calculated.

| | | GCSE Grade | | | | | | | | | |
|-------------|-------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|------------------------|------------------------|------------------------|
| | | No KS4 result | U | G | F | E | D | C | B | A | A* |
| KS2 outcome | Working towards level 1 | Expected progress not made | Expected progress not made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made |
| | Level 1 | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made |
| | Level 2 | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made |
| | Level 3 | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress made | Expected progress made | Expected progress made | Expected progress made | Expected progress made |
| | Level 4 | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress made | Expected progress made | Expected progress made | Expected progress made |
| | Level 5 | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress made | Expected progress made | Expected progress made |
| | Level 6 | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress not made | Expected progress made | Expected progress made | Expected progress made |
| | Disapplied /Absent (TA) | Expected progress not made | Expected progress not made | Not included | Not included | Not included | Not included | Not included | Expected progress made | Expected progress made | Expected progress made |
| | Left the school | Expected progress not made | Expected progress not made | Not included | Not included | Not included | Not included | Not included | Expected progress made | Expected progress made | Expected progress made |
| | No TA or test | Expected progress not made | Expected progress not made | Not included | Not included | Not included | Not included | Not included | Expected progress made | Expected progress made | Expected progress made |
| | Not eligible for tests | Expected progress not made | Expected progress not made | Not included | Not included | Not included | Not included | Not included | Expected progress made | Expected progress made | Expected progress made |

- Pupils who have not been entered for a GCSE in English or mathematics or those who are ungraded are deemed to not have made expected progress.
 - Pupils attaining level 5 or level 6 at KS2 are expected to achieve at least a grade B at GCSE. Therefore all pupils achieving an A*-B are deemed to have made the expected progress, whether or not their prior attainment is known.
8. The following section gives a more detailed description of how KS2 prior attainment is calculated for the purpose of the progress measures.

Calculating Key Stage 2 attainment

- If pupil has achieved level 3, 4, 5 or 6 in the Key Stage 2 National Curriculum Test, then that grade is taken as their Key Stage 2 attainment. This happens in the majority of cases.
- If the pupil was working below the level of the test (B), not awarded a test level (N) or achieved level 2 in the Key Stage 2 test, the teacher assessment (providing it is a valid level) is used as a measure of their Key Stage 2 attainment. However that teacher assessment is capped at

level 2, meaning that a pupil in this situation with a teacher assessment of 3, 4, 5 or 6 will be deemed to have attained a level 2. If the teacher assessment is missing or is not valid, the pupil is excluded from the measure if they obtain grades C to G in their GCSE result (see Figure 1 above). This is because, if a pupil is deemed to be below the level of the test or awarded a level 2 or N, we cannot determine their actual Key Stage 2 attainment and it would be inaccurate to use level 2 as this is only awarded as a compensatory level for pupils who do not achieve enough marks for level 3.

- If the pupil was absent, unable to access the test, missing their test result, had a lost script or did not have a grade due to malpractice in their Key Stage 2 test (codes A, T, M, X or Q) and has any valid level (W, 1, 2, 3, 4, 5 or 6) for their Key Stage 2 teacher assessment, then we take their teacher assessment level as their attainment. Where Key Stage test data shows a pupil in the cohort as having taken the test in a previous year or due to take it in the future (codes P, F), this is treated as a missing test result.
- If the pupil was absent, unable to access the test, missing their test result, had a lost script or did not have a grade due to malpractice in their Key Stage 2 test (grades A, T, M, X or Q) but does not have a valid level for their teacher assessment, then we treat them as not having a Key Stage 2 test result or teacher assessment, and the pupil is excluded from the measure. A Key Stage 2 test result that suggests the test was taken in the past or will be in the future should not still be within the dataset (P, F) and is treated as a missing test result.
- If the pupil had left the school (L) or was ineligible (Y/Z) as their Key Stage 2 test result, then we exclude them from the measure if they obtained grades C to G in their GCSE result (see Figure 1 above).