

Flintshire County Council

Key Stage 3 National Curriculum Assessment Results in Wales: 2012

Background Summary

- 1.1 The National Assembly for Wales Statistical First Releases “End of Foundation Phase Outcomes and National Curriculum Teacher Assessment of Core Subjects at Key Stages 2 and 3” and “National Curriculum teacher assessments of non-core subjects: Wales 2012”, published in August 2012 provide final information on the achievements of 14 year olds in the National Curriculum Assessments in Wales in 2012.
- 1.2 The information provided relates to assessments of pupils in their final year of Key Stage 3 (Year 9) during 2010-12. Results for individual students are aggregated in the Statistical Releases by Local Authority areas and Wales. Individual schools receive analysis of their aggregated outcomes set in context of schools in similar statistical circumstances to themselves in their “Core Data Pack”.
- 1.3 Key Stage 3 tests are no longer available to schools. Comparative data now only includes that resulting from teacher assessment. For 14 year olds (Key Stage 3) the general expectation is the majority of pupils will attain at least level 5 in each subject.
- 1.4 The aggregate data were derived from the results of teacher assessment administered by schools and submitted during the Summer Term 2012. The core National Curriculum subjects are English, Welsh (first language), Mathematics and Science. To achieve the Core Subject Indicator (CSI) a pupil must have an assessment that they are working at or above Level 5 in each of the core areas, Mathematics, English or Welsh first language, and Science.
- 1.5 Non core subjects include Art, Technology, Geography, History, ICT, Modern Foreign Language, Music, Physical Education and Welsh Second Language.
- 1.6 The data makes it possible to identify how Flintshire outcomes compare to those of other Authorities in Wales. Based on Free School Meals data, Flintshire would be expected to be in sixth position in the ranking of performance.
- 1.7 **LEA SUMMARY RESULTS – CORE SUBJECTS**
Analysis of the results illustrates the following indicators in terms of the percentage of pupils achieving level 5 or above in the core subjects:-

English

- 83.1% of pupils attained level 5 or above in teacher assessment in 2012. This is 3.8% above the all Wales level of 79.3%. In 2011 the

Flintshire figure was 82.5% compared to 76.0% of pupils across Wales. Flintshire ranked sixth of twenty two authority areas in this subject in 2012.

Welsh (First Language)

- The All Wales results were 84.2% at Level 5 or above for Teacher Assessment in 2012 and the Flintshire figure was 67.9%. Numbers in Flintshire are naturally small and represent only one school. This school often also has a much higher population of “learners” (who transfer from English medium schools into year 7) than other Welsh medium schools. 78.7% of Flintshire pupils who undertook assessment in Welsh (First Language) scored Level 5 or above in Teacher Assessment in 2011.

Mathematics

- 83.9% of pupils attained level 5 or above in teacher assessment in 2012. This is 2.8% above All Wales level of 81.1%. In 2011 the Flintshire figure was 82.0% compared to 77.9% of pupils across Wales. Flintshire ranked seventh of twenty two authority areas in this subject in 2012.

Science

- 87.3% of pupils attained level 5 or above in teacher assessment in 2012, which is 3.7% above the All Wales level of 83.6%. In 2011 the Flintshire figure was 85.5% compared to 80.3% of pupils across Wales. Flintshire ranked third of twenty two authority areas in this subject in 2012.

1.8 Core Subject Indicator (CSI) Results

- To achieve the Core Subject Indicator (CSI) a pupil has to achieve at least a Level 5 in each of the core subjects.
- 76.0% of Flintshire pupils achieved the Core Subject Indicator in 2012. This is 3.5% above the average of 72.5% for Wales. In 2011 the Flintshire figure was 73.8% with Wales at 68.0%. Flintshire ranked seventh of twenty two authority areas in this indicator in 2012.

1.9 Analysis of Results for Girls and Boys

- In English, where the gender gap is usually the greatest, girls continue to perform significantly better than the boys. In Flintshire, the gap in performance favoured the girls by 9% in 2012, which is 3% narrower than in 2011. This compares to a gender gap in performance of 14% across Wales.
- In Mathematics, the gap in performance is much less marked generally and girls scored better than boys by just 1% in Flintshire, whereas in Wales as a whole, girls scored better than boys by 4%. In 2011 girls performance was 5% higher than the boys in Flintshire.
- In Science, girls out performed boys by 4% in Flintshire, whereas in Wales as a whole girls scored better than boys by 7%. In 2011 girls performance was 5% higher than the boys in Flintshire.
- The following table reflects the percentage of boys and girls attaining level 5 or above in 2011 and 2010.

	BOYS		GIRLS		DIFFERENCE	
	% 2012	% 2011	% 2012	% 2011	% 2012	% 2011
English Teacher Assessment	78.9	76.5	87.4	88.4	8.5	11.9
Mathematics Teacher Assessment	83.5	79.2	84.9	84.3	1.4	5.1
Science Teacher Assessment	85.3	82.7	89.3	88.3	4.0	5.6

2.0 Value Added

- Welsh Government now provides a KS3 Value Added Summary for Key Stage 3 Teacher Assessments matched to prior attainment at Key Stage 2. Model 1 is measured only against each pupil's prior attainment. Model 2 also includes a range of pupil and school context indicators. Value added is shown as a percentage and measured in quartiles, with quartile 1 indicating the best performance. An S next to the indicator denotes a "significant" value.

Outcomes in 2012	Value Added Model 1	Value Added Model 2
Core Subject Indicator	2.8% (2) S	0.3% (3)
English (Level 5 or above)	3.0% (1) S	1.0% (2)
Welsh First Language (Level 5 or above)	-16.9% (4)S	-14.2% (4)S
Mathematics (Level 5 or above)	2.5% (2) S	0.8% (2)
Science (Level 5 or above)	3.0% (1) S	1.1% (1)

2.1 Non-core Teacher Assessment results for all pupils, 2012

- The following table indicates the percentage of pupils achieving level 5 or above in teacher assessment of non-core subjects in 2012 and 2011. Additionally, the position Flintshire ranks in relation to the twenty two authority areas in Wales in 2012 is shown. Based on Free School Meals indicators Flintshire would be expected to rank sixth.

Subject	Flintshire 2012	Wales 2012	Ranking 2012	Flintshire 2011	Wales 2011
Art	92.4%	85.5%	=1 st	90.9%	82.2%
Design & Technology	91.3%	84.6%	3 rd	87.1%	81.3%
Geography	88.0%	81.0%	3 rd	84.9%	77.7%
History	89.0%	81.2%	=2 nd	85.9%	77.7%
Information Technology	91.5%	86.2%	=3 rd	89.0%	83.1%
Modern Foreign Language	79.9%	74.5%	4 th	79.3%	70.4%
Music	89.3%	83.6%	2 nd	85.2%	80.4%
Physical Education	85.6%	82.2%	9 th	81.5%	78.0%
Welsh 2 nd Language	71.8%	68.2%	4 th	69.9%	64.6%