

**Flintshire County Council**

**Key Stage 3 National Curriculum Assessment Results in Wales: 2013**

**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 2013”, published in August 2013 provide final information on the achievements of 14 year olds in the National Curriculum Assessments in Wales in 2013.
- 1.2 The information provided relates to assessments of pupils in their final year of Key Stage 3 (Year 9) during 2012-13. 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 2013. 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 **LA 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**

- 85.8% of pupils attained level 5 or above in teacher assessment in 2013. This is 2.9% above the all Wales level of 82.9%. In 2012 the

Flintshire figure was 83.1% compared to 79.3% of pupils across Wales. Flintshire ranked seventh of twenty two authority areas in this subject in 2013.

#### **Welsh (First Language)**

- The All Wales results were 87.6% at Level 5 or above for Teacher Assessment in 2013 and the Flintshire figure was 67.7%. 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. 67.9% of Flintshire pupils who undertook assessment in Welsh (First Language) scored Level 5 or above in Teacher Assessment in 2012.

#### **Mathematics**

- 86.5% of pupils attained level 5 or above in teacher assessment in 2013. This is 2.6% above All Wales level of 83.9%. In 2012 the Flintshire figure was 83.9% compared to 81.1% of pupils across Wales. Flintshire ranked seventh of twenty two authority areas in this subject in 2013.

#### **Science**

- 89.7% of pupils attained level 5 or above in teacher assessment in 2013, which is 2.7% above the All Wales level of 87.0%. In 2012 the Flintshire figure was 87.3% compared to 83.6% of pupils across Wales. Flintshire ranked seventh of twenty two authority areas in this subject in 2013.

### **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.
- 80.0% of Flintshire pupils achieved the Core Subject Indicator in 2013. This is 3.0% above the average of 77.0% for Wales. In 2012 the Flintshire figure was 76.0% with Wales at 72.5%. Flintshire ranked eighth of twenty two authority areas in this indicator in 2013.

### **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, where the boys again showed improved performance, the gap favoured the girls by 11.9% in 2013, wider than the 8.6% gap in 2012. This compares to a gender gap in performance of 11.8% across Wales.
- In Mathematics, the gap in performance is much less marked generally and girls scored better than boys by just 3.1% in Flintshire, whereas in Wales as a whole, girls scored better than boys by 4.7%. In 2012 girls performance was 0.8% higher than the boys in Flintshire.
- In Science, girls out performed boys by 4.3% in Flintshire, whereas in Wales as a whole girls scored better than boys by 6.1%. In 2012 girls performance was 4.0% higher than the boys in Flintshire.

- The following table reflects the percentage of boys and girls attaining level 5 or above in 2013 and 2012.

	BOYS		GIRLS		DIFFERENCE	
	% 2013	% 2012	% 2013	% 2012	% 2013	% 2012
<b>English</b> Teacher Assessment	80.1	78.9	92.0	87.5	11.9	8.6
<b>Mathematics</b> Teacher Assessment	85.0	83.5	88.1	84.3	3.1	0.8
<b>Science</b> Teacher Assessment	87.7	85.3	92.0	89.3	4.3	4.0

## **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	Value Added Model 1 (2013)	Value Added Model 1 (2012)	Value Added Model 2 (2013)	Value Added Model 2 (2012)
Core Subject Indicator	2.3% (1) S	2.8% (2) S	0.2% (3)	0.3% (3)
English (Level 5 or above)	2.3% (1) S	3.0% (1) S	0.7% (2)	1.0% (2)
Welsh First Language (Level 5 or above)	-18.6 (4) S	-16.9% (4)S	-18.1(4)S	-14.2% (4)S
Mathematics (Level 5 or above)	1.9% (1) S	2.5% (2) S	0.5% (2)	0.8% (2)
Science (Level 5 or above)	2.0% (1) S	3.0% (1) S	0.8% (2)	1.1% (1)

## **2.1 Non-core Teacher Assessment results for all pupils: 2013**

- The following table indicates the percentage of pupils achieving level 5 or above in teacher assessment of non-core subjects in 2013 and 2012. Additionally, the position Flintshire ranks in relation to the

twenty two authority areas in Wales in 2013 is shown. Based on Free School Meals indicators Flintshire would be expected to rank sixth.

<b>Subject</b>	<b>Flintshire 2013</b>	<b>Wales 2013</b>	<b>Ranking 2013</b>	<b>Flintshire 2012</b>	<b>Wales 2012</b>
Art	94.2%	88.5%	=1 <sup>st</sup>	92.4%	85.5%
Design & Technology	92.5%	88.1%	5 <sup>th</sup>	91.3%	84.6%
Geography	89.4%	84.6%	4 <sup>th</sup>	88.0%	81.0%
History	89.0%	84.8%	7 <sup>th</sup>	89.0%	81.2%
Information Technology	92.8%	89.0%	6 <sup>th</sup>	91.5%	86.2%
Modern Foreign Language	79.6%	78.1%	11 <sup>th</sup>	79.9%	74.5%
Music	89.7%	87.2%	6 <sup>th</sup>	89.3%	83.6%
Physical Education	87.6%	86.1%	9 <sup>th</sup>	85.6%	82.2%
Welsh 2 <sup>nd</sup> Language	74.3%	73.3%	11 <sup>th</sup>	71.8%	68.2%