

## **ANNEX 1c**

### **Flintshire County Council**

### **Key Stage 3 National Curriculum Assessment Results in Wales: 2016**

#### **Background Summary**

The information provided relates to assessments of pupils in their final year of Key Stage 3 (Year 9) during 2015-16. For 14 year olds in Key Stage 3 the general expectation is the majority of pupils will attain at least level 5 in each subject. Higher than expected level is Level 6 and exceptionally high level performance is level 7.

The core National Curriculum subjects at Key Stage 3 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 these core areas.

Non-core subjects include Art, Technology, Geography, History, ICT, Modern Foreign Language, Music, Physical Education and Welsh Second Language.

The teacher assessments at Key Stage 3 were finalised before the end of the summer term 2016. In deciding upon a pupil's level of attainment at the end of the key stage, teachers judge which level descriptor 'best fits' the pupil's performance and will draw upon evidence from practical and oral work, written work and any school-based tests and assessments. Schools are required to ensure that teacher assessment is based securely on a collective understanding of the standards set out in the level descriptions and this shared understanding must be achieved through internal standardisation and moderation. From 2008/2009 primary and secondary schools have also been required to have in place effective arrangements for consortium group moderation of samples of learners' work in order to strengthen teacher assessment. This is a statutory process at KS3 and some Flintshire schools were monitored as part of the national programme of external verification.

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 6th position in the ranking of performance.

#### **Flintshire LA Summary Results by Core Subject 2016**

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**

- 91.1% of pupils attained level 5 or above in teacher assessment in 2016. This is a drop of 0.3% on performance in 2015.
- Flintshire's performance in English is 1.9% above the Wales average of 89.2% and 0.7% above the GwE average of 90.4.%.
- Flintshire ranked 6<sup>th</sup> of 22 LAs in this subject in 2016, a drop of 1 place from 2015. It is 2<sup>nd</sup> in the GwE region for this indicator.

- Level 6 performance (higher than average performance) dropped slightly by 0.6% to 40.0% in 2016. This is 2.7% above the Wales average of 37.7% and is 1.3% above the GwE average of 38.7%.
- Performance at Level 7 (exceptionally higher than average performance) is 20.0%, an increase of 1.1% from 2015. This is 1.9% above the GwE average of 18.1% and 3% above the Wales average of 17.0%.
- Flintshire has also seen a rise in performance at level 8 from 0.8% to 1.2% in 2016 but this is below the GwE and Wales averages.

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

Flintshire only has one Welsh medium secondary school on which these results are based.

- W1L at level 5+ in 2016 is 96.8%, an increase of 16.8% from 2015.
- Flintshire's performance in level 5+ 2016 is 4.8% above the Wales average of 92.0% and 3.9% above the average for GwE.
- Flintshire's LA ranked position in 2016 is 4<sup>th</sup> in Wales, a significant improvement on its ranked position of 18<sup>th</sup> in 2015. It is the 2<sup>nd</sup> highest position within GwE.
- Performance at Level 6 has improved considerably in 2016 by 17.0% to 49.2%. This is 10.3% above the Wales average of 38.9% and is 9.4% above the GwE average of 39.8%.
- Performance at level 7 (exceptionally higher than average performance) is 14.3%, an improvement from 4.4% in 2015. However, this data is well below the GwE average of 19.5% and below the Wales average of 16.6% for this indicator.
- No pupils in Flintshire scored level 8 in Welsh in either 2016 or 2015 which is below the averages for Wales and GwE.

### **Mathematics**

- Maths at level 5+ in 2016 is 92.7%, an increase of 0.7% from 2015.
- Flintshire's performance in level 5+ 2016 is 2.6% above the Wales average of 90.1% and 1.2% above the average for GwE.
- Flintshire's LA ranked position in 2016 is 5<sup>th</sup> in Wales, above its expected FSM benchmark position of 6<sup>th</sup>. It is the 2<sup>nd</sup> highest position within GwE.
- Performance at level 6 dropped by 1.1% to 32.6% from 33.7% in 2015. This is 1.6% below the Wales average of 34.2% and is 2.0% below the GwE average of 34.6%.
- Performance at level 7 (exceptionally higher than average performance) is 28.6%, an improvement from 1.7% in 2015. This data is 2.9% above the GwE average of 25.7% and 3.8% above the Wales average of 24.8% for this indicator.
- 5.9% of pupils in Flintshire scored level 8 in Mathematics in 2016, an increase of 0.7% from 2015 and is above the averages for Wales and GwE.

### **Science**

- 94.8% of pupils attained level 5 or above in 2016, an increase of 0.5% from 2015.
- Flintshire's performance in level 5+ in 2016 is 2.0% above the Wales average of 92.8% and 0.6% above the average for GwE of 94.2%.
- Despite the 0.5% increase, Flintshire's LA ranked position in 2016 has dropped from 6<sup>th</sup> to 7<sup>th</sup> in Wales, one rank below its expected FSM benchmark position of 6<sup>th</sup>. It is the 2<sup>nd</sup> highest position within GwE.

- Performance at level 6 increased by 3.2% to 40.5% in 2016. This is 1.1% above the Wales average of 39.4% and is 0.9% above the GwE average 39.6%.
- Performance at level 7(exceptionally higher than average performance) is 22.7%, a drop of from 0.2% from 2015. This data is 0.2% below the GwE average of 22.9% but 0.6% above the Wales average of 22.1% for this indicator.
- 1.3% of pupils in Flintshire scored level 8 in Science in 2016, a drop of 0.8% from 2015. Performance at level 8 matches the Wales and GwE averages.

### Core Subject Indicator [CSI]

- To achieve the Core Subject Indicator (CSI) a pupil has to achieve at least a level 5 in each of the core subjects.
- 88.4% of Flintshire pupils achieved the Core Subject Indicator in 2016, an increase of 1.3% from 2015.
- This is 2.5% above the average of 85.9% for Wales and 3.6% above the average for GwE.
- Flintshire ranked 6<sup>th</sup> of the 22 LAs in this indicator in 2016, an improvement of one place from 2015 and now places the authority at its expected FSM benchmark.

### Analysis of Results for Girls and Boys

- Nationally girls continue to outperform boys in all subjects at KS3.
- Analysis of the Flintshire results supports the national trend that girls continue to outperform boys in all subjects.
- The gap between boys and girls performance in Flintshire in 2016 has reduced across all core subject areas and CSI compared to outcomes in 2015.
- The gender gap in Flintshire in 2016 is narrower than the Wales average across all subject areas and CSI.
- The largest gap in performance between boys and girls in Flintshire is in English and this reflects the national trend. The narrowest gap in the performance between boys and girls in Flintshire is in Mathematics.
- The table below shows the difference in performance between boys and girls for the LA and Wales for 2016 and 2015 across the core subject areas and CSI for KS3.

		2016 %			2015 %		
		Girls	Boys	B/GDiff	Girls	Boys	B/GDiff
<b>ENGLISH</b>	<b>LA</b>	95.0	87.2	<b>-7.8</b>	95.5	87.3	<b>-8.2</b>
	<b>Wales</b>	93.3	85.3	<b>-8.0</b>	92.1	83.9	<b>-8.2</b>
<b>WELSH</b>	<b>LA</b>	97.6	95.2	<b>-2.4</b>	83.1	74.2	<b>-8.9</b>
	<b>Wales</b>	94.9	89.1	<b>-5.8</b>	94.3	87.3	<b>-7.0</b>
<b>MATHEMATICS</b>	<b>LA</b>	93.6	91.7	<b>-1.9</b>	93.9	90.1	<b>-3.8</b>
	<b>Wales</b>	92.1	88.2	<b>-3.9</b>	90.4	87.0	<b>-3.4</b>
<b>SCIENCE</b>	<b>LA</b>	96.5	93.0	<b>-3.5</b>	96.5	92.1	<b>-4.4</b>
	<b>Wales</b>	95.1	90.7	<b>-4.4</b>	94.1	89.6	<b>-4.5</b>
<b>CSI</b>	<b>LA</b>	91.3	85.6	<b>-5.7</b>	91.0	83.3	<b>-7.7</b>
	<b>Wales</b>	89.7	82.3	<b>-7.4</b>	87.7	80.3	<b>-7.4</b>

## Key Stage 3 – performance of FSM pupils 2016

- The gap between e-FSM pupils and n-FSM pupils in achieving the Core Subject Indicator at KS3 has been closing steadily over the last 5 years, from 29.5% in 2012 to 14.7% in 2016. The gap has been more than halved during this period.
- 76.2% of pupils who were entitled to Free School Meals achieved the KS3 CSI.
- 90.9% of pupils who were not entitled to Free School Meals achieved KS3 CSI.

## Non-core Teacher Assessment results for all pupils 2016

The following table indicates the percentage of pupils achieving level 5 or above in teacher assessment of non-core subjects in 2015 and 2016 and the LA's ranked position (expected FSM benchmark is 6<sup>th</sup>). 6 subjects improved on their 2015 position and 3 saw very slight dips.

Subject	Flintshire 2016 %	+/- From 2015	Wales 2016 %	Rank 2016	Flintshire 2015 %	Wales 2015 %	Rank 2015
Art	96.8	+0.8	92.0	3	96.0	92.0	3
Design Technology	95.7	-0.1	92.1	5	95.8	92.1	3
Geography	94.0	+0.2	89.9	7	93.8	89.9	5
History	94.8	+0.8	89.6	4	94.0	89.6	5
Information Technology	96.4	+1.0	92.7	4	95.4	92.7	6
Modern Foreign Language	88.1	-0.5	84.1	7	88.6	84.1	6
Music	94.7	-0.2	91.6	7	94.9	91.6	7
Physical Education	94.5	+0.7	91.4	8	93.8	91.4	8
Welsh 2 <sup>nd</sup> Language	86.4	+0.7	81.2	5	85.7	81.2	6

## Value Added (KS3)

Welsh Government now provides a 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.

<b>Outcomes</b>	<b>Value Added Model 1 (2014)</b>	<b>Value Added Model 1 (2015)</b>	<b>Value Added Model 1 (2016)</b>	<b>Value Added Model 2 (2014)</b>	<b>Value Added Model 2 (2015)</b>	<b>Value Added Model 2 (2016)</b>
<b>Core Subject Indicator</b>	<b>2.5% (1) S</b>	<b>3.0% (1) S</b>	<b>2.1% (1) S</b>	<b>1.4% (2) S</b>	<b>1.3% (2) S</b>	<b>1.1% (2)</b>
<b>English (Level 5 or above)</b>	2.8% (1) S	3.3% (1) S	1.4%(2) S	1.8% (1) S	2.0% (1) S	0.6% (3)
<b>Welsh First Language (Level 5 or above)</b>	-25.2 (4) S	-9.7% (4) S	3.9% (1)	-23.2% (4) S	-10.0% (4) S	3.1% (1)
<b>Mathematics (Level 5 or above)</b>	1.7 % (2) S	3.0% (1) S	2.2% (1) S	1.5% (1) S	2.0% (1) S	1.5% (1) S
<b>Science (Level 5 or above)</b>	0.2% (2)	1.7% (1) S	1.6% (1) S	0.1% (3)	1.1% (1) S	1.1% (1) S