

Impact of Pupil Premium Funding.

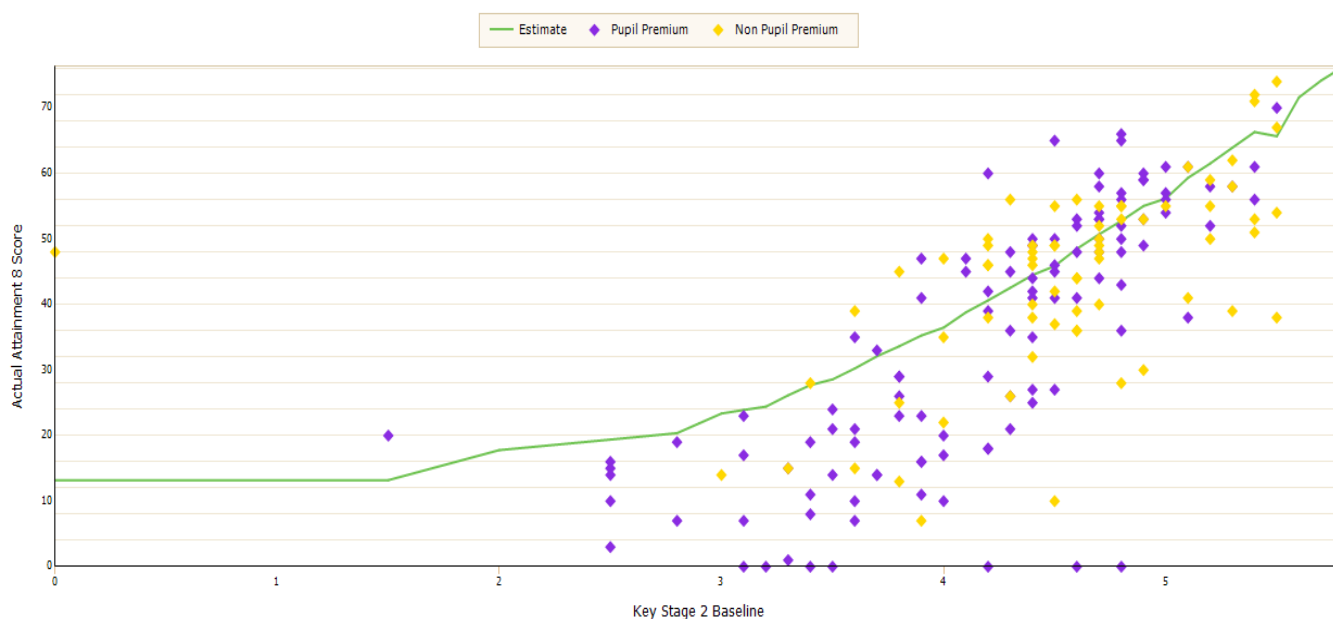
Pupil premium funding was introduced by the Government in April 2011. Schools were allocated a proportion of funding in order to close any gap in achievement and improve outcomes for children on free school meals, looked after children and those children from families with parents in the armed forces.

The following data will highlight Progress 8 and Attainment 8 which are key parts of the government's accountability measures for 2016. They replace the previous headline measures of at least five grades A*-C including English and mathematics and expected progress. The government no longer defines expected progress. In an effort to highlight trends in data over previous years, this report also includes old accountability measures of 5A*-C including English and mathematics, capped point score, value added and expected progress in English and mathematics for the years 2013 to 2015 inclusive.

Progress 8 and attainment 8 measures

Below is a graph showing the actual attainment 8 score for Disadvantaged pupils. This is based on the new attainment 8 measure.

62% of the cohort were in receipt of pupil premium funding and 38% were not.
Disadvantaged: **3.49 (E+)**, other pupils: **4.41 (D+)**



The tables below show a comparison between low, middle and high prior attainment 2016 for all pupils and disadvantaged pupils overall, in the English element, the mathematics element, the Ebacc element and the open element.

Overall

	Sig+ and top 10%
	Sig+ not top 10%
	Sig- not bottom 10%
	Sig- and bottom 10%

	All	Dis
National	Figure for national all	Figure for national other

	1 or more grades above national
	0.5 to <1 grade above national
	0.5 to <1 grade below national
	1 or more grades below national

Progress 8							Attainment 8							
Overall														
	Cohort		All		Dis				Cohort		All		Dis	
	182		114						182		114			
	Score		-0.7		-0.8				School		38.21		34.93	
	CI +/-		0.2		0.2				National		49.34		52.56	
	Rank		96		97				Difference		-11.14		-17.63	
	Cohort		All		Dis		Low		Middle		High			
	50		38		103		64		29		12			
	Score		-1.22		-1.26		-0.54		-0.66		-0.66		-0.51	
	National		0.00		0.19		0.00		0.14		0.00		0.07	
	Difference		-1.22		-1.45		-0.54		-0.80		-0.66		-0.58	
	CI +/-		0.30		0.34		0.21		0.26		0.39		0.60	
	Rank		99		99		90		94		93		88	
	Cohort		All		Dis		Low		Middle		High			
	50		38		103		64		29		12			
	School		17.76		17.26		42.91		41.29		56.76		57.00	
	National		28.39		31.16		48.86		50.63		64.17		65.00	
	Difference		-10.63		-13.89		-5.95		-9.34		-7.42		-8.00	
	Diff (grades)		-1.1		-1.4		-0.6		-0.9		-0.7		-0.8	

We can see that pupils with high prior attainment who are classed as disadvantaged are below the national other equivalent group by 0.8 grades. This attainment places Kirkby High school pupils below in the national progress picture but above the bottom 10% in country. Pupils who are defined as high disadvantage pupils gained a progress 8 score which is only 0.01 below the national floor standard of -0.5

English Element

	Sig+ and top 10%
	Sig+ not top 10%
	Sig- not bottom 10%
	Sig- and bottom 10%

	All	Dis
National	Figure for national all	Figure for national other

	1 or more grades above national
	0.5 to <1 grade above national
	0.5 to <1 grade below national
	1 or more grades below national

Progress 8							Attainment 8							
English element														
	Cohort		All		Dis				Cohort		All		Dis	
	182		114						182		114			
	Score		-0.5		-0.6				School		8.98		8.39	
	CI +/-		0.2		0.2				National		10.41		10.95	
	Rank		89		92				Difference		-1.44		-2.56	
	Cohort		All		Dis		Low		Middle		High			
	50		38		103		64		29		12			
	Score		-1.10		-1.09		-0.27		-0.37		-0.03		0.02	
	National		0.00		0.16		0.00		0.11		0.00		0.05	
	Difference		-1.10		-1.24		-0.27		-0.48		-0.03		-0.03	
	CI +/-		0.31		0.36		0.22		0.28		0.41		0.64	
	Rank		98		97									
	Cohort		All		Dis		Low		Middle		High			
	50		38		103		64		29		12			
	School		5.08		5.11		9.81		9.53		12.76		12.67	
	National		6.83		7.33		10.42		10.69		12.97		13.10	
	Difference		-1.75		-2.23		-0.61		-1.16		-0.21		-0.43	
	Diff (grades)		-0.9		-1.1		-0.3		-0.6		-0.1		-0.2	

The table above shows that pupils with high prior attainment who are classed as disadvantaged are only one fifth of a grade below other pupils nationally, in English, and this has affected their progress placing them within 0.03 of the national "others" progress. Pupils with a middle prior ability are -0.6 grades below the national "others" which has brought their progress score above the floor standard of -0.5.

Mathematics Element

	Sig+ and top 10%
	Sig+ not top 10%
	Sig- not bottom 10%
	Sig- and bottom 10%

	All	Dis
National	Figure for national all	Figure for national other

	1 or more grades above national
	0.5 to <1 grade above national
	0.5 to <1 grade below national
	1 or more grades below national

Progress 8								Attainment 8							
Mathematics element															
		All		Dis				All		Dis					
Cohort		182		114				182		114					
Score		-0.9		-1.0				7.09		6.30					
CI +/-		0.2		0.2				9.71		10.39					
Rank		97		98				-2.62		-4.09					
		Low		Middle		High				Low		Middle		High	
		All	Dis	All	Dis	All	Dis	All	Dis	All	Dis	All	Dis	All	Dis
Cohort		50	38	103	64	29	12	Cohort		50	38	103	64	29	12
Score		-1.40	-1.50	-0.62	-0.74	-0.76	-0.69	School		2.24	2.00	8.25	7.94	11.31	11.17
National		0.00	0.19	0.00	0.12	0.00	0.06	National		4.89	5.46	9.62	9.95	12.99	13.14
Difference		-1.40	-1.69	-0.62	-0.86	-0.76	-0.75	Difference		-2.65	-3.46	-1.37	-2.01	-1.68	-1.98
CI +/-		0.34	0.39	0.24	0.30	0.45	0.70	Diff (grades)		-1.3	-1.7	-0.7	-1.0	-0.8	-1.0
Rank		99	99	93	95	95	93								

The table shows that pupils who entered the school classed as middle or high on prior attainment, and are classed as disadvantaged, are 1 grade below the national "others", this places their progress measure in the bottom 10% nationally. (-0.75 and -0.86 respectively) Unexpectedly high grade boundaries on the higher and foundation papers contributed

Ebacc Element

	Sig+ and top 10%
	Sig+ not top 10%
	Sig- not bottom 10%
	Sig- and bottom 10%

	All	Dis
National	Figure for national all	Figure for national other

	1 or more grades above national
	0.5 to <1 grade above national
	0.5 to <1 grade below national
	1 or more grades below national

Progress 8								Attainment 8							
Ebacc element															
		All		Dis				All		Dis					
Cohort		182		114				182		114					
Score		-1.1		-1.1				8.93		7.95					
CI +/-		0.2		0.3				13.61		14.78					
Rank		96		96				-4.68		-6.83					
		Low		Middle		High				Low		Middle		High	
		All	Dis	All	Dis	All	Dis	All	Dis	All	Dis	All	Dis	All	Dis
Cohort		50	38	103	64	29	12	Cohort		50	38	103	64	29	12
Score		-1.27	-1.30	-0.88	-0.99	-1.39	-1.24	School		2.80	2.66	10.37	9.88	14.41	14.42
National		0.00	0.21	0.00	0.18	0.00	0.09	National		6.33	7.20	13.24	13.93	18.87	19.19
Difference		-1.27	-1.51	-0.88	-1.18	-1.39	-1.33	Difference		-3.53	-4.55	-2.87	-4.06	-4.46	-4.77
CI +/-		0.38	0.44	0.27	0.34	0.50	0.78	Diff (grades)		-1.2	-1.5	-1.0	-1.4	-1.5	-1.6
Rank		97	97	92	94	97	96								

The table above shows that pupils with low, middle and high prior attainment who are classed as disadvantaged pupils, have underperformed in the Ebacc element of the progress and attainment 8 measures with middle ability pupils performing the best with -1.4 grades in the attainment 8 when compared to national "others" meaning their progress 8 difference was -1.18

Open Element

	Sig+ and top 10%
	Sig+ not top 10%
	Sig- not bottom 10%
	Sig- and bottom 10%

	All	Dis
National	Figure for national all	Figure for national other

	1 or more grades above national
	0.5 to <1 grade above national
	0.5 to <1 grade below national
	1 or more grades below national

Progress 8							Attainment 8									
Open element																
			All		Dis					All		Dis				
Cohort			182		114		Cohort			182		114				
Score			-0.5		-0.7		School			13.21		12.30				
CI +/-			0.2		0.2		National			15.61		16.44				
Rank			88		92		Difference			-2.40		-4.14				
			Low		Middle				Low		Middle		High			
			All		Dis				All		Dis		All		Dis	
Cohort	50 38		103 64		29 12		Cohort	50 38		103 64		29 12				
Score	-1.13 -1.17		-0.33 -0.48		-0.28 -0.03		School	7.64 7.50		14.48 13.95		18.28 18.75				
National	0.00 0.18		0.00 0.13		0.00 0.06		National	10.34 11.16		15.58 16.06		19.35 19.57				
Difference	-1.13 -1.36		-0.33 -0.61		-0.28 -0.09		Difference	-2.70 -3.66		-1.10 -2.11		-1.07 -0.82				
CI +/-	0.34 0.39		0.24 0.30		0.45 0.70		Diff (grades)	-0.9 -1.2		-0.4 -0.7		-0.4 -0.3				
Rank	95 96															

The table above shows that pupils who are classed as High on prior attainment and disadvantaged are within 0.3 of a grade when compared to national "others" thus cementing their overall progress 8 measure as -0.09 when compared to the same national cohort. Both middle and high disadvantaged students received a progress 8 score which would be deemed as above the national floor standard of -0.5

Attainment

This section of the report compares the attainment of low, middle and high pupils on entry who have gained a grade C or above in English and Mathematics and the English Baccalaureate.

	4+ pupils above national		3 pupils below national
	3 pupils above national		4+ pupils below national

Attainment																
grade C or above							grade C or above									
English and mathematics							English Baccalaureate									
			All		Dis					All		Dis				
Cohort			182		114		Cohort			182		114				
School %			38		32		School %			2		2				
National %			62		69		National %			24		29				
Difference %			-24		-37		Difference %			-22		-27				
			Low		Middle				Low		Middle		High			
			All		Dis				All		Dis		All		Dis	
Cohort	50 38		103 64		29 12		Cohort	50 38		103 64		29 12				
School %	2 3		41 39		93 92		School %	0 0		1 2		10 8				
National %	11 13		62 68		95 97		National %	1 1		15 17		55 57				
Difference %	-9 -11		-21 -28		-2 -5		Difference %	-1 -1		-14 -15		-44 -49				
Diff (no of pupils)	-4 -4		-22 -18		0 0		Diff (no of pupils)	0 0		-14 -9		-12 -5				

The table above shows that pupils classed as high disadvantaged pupils are within 3 pupils when compared to the "others" national figure for grade C or above in English and mathematics. (-5%)

Historical Attainment Measures

Threshold measure

Since the pupil premium was introduced in 2011 the in school gap has had no significant change even though there was a rising trend in 5 A* - C inc. English and maths between 2014 and 2015. In 2014, the gap was 4% lower than the previous years, despite the level of attainment reducing. In 2015 the gap rose by 4% even although the overall indicator rose by 9%.

	5 A* - C inc E & M								
	2013			2014			2015		
	KHS	National Av	Difference	KHS	National Av	Difference	KHS	National Av	Difference
All Pupils	43	60	-17	23	62	-39	32	56	-24
Non-Pupil Premium	55	67	-12	32	62	-30	44	63	-19
Pupil Premium	37		-30	18		-44	25		-37
%Within School Gap	-18			-14			-18		

Between 2014 and 2015 the gap between Kirkby High School pupil premium pupils and other pupils nationally closed by 7% despite the fact that overall A* - C results rose from 23% to 32%. This would insinuate that the trend in attainment growth of pupil premium student is faster than that of non-pupils premium pupils.

The table below shows the 3 year average for 5A*-C including English and mathematics.

	5 A* - C inc E & M		
	3 year average 2013-2015		
	KHS	National Av	Difference
All Pupils	33	59	-26
Non Pupil Premium	44	64	-20
Pupil Premium	27		-37
% Within School Gap	-17		

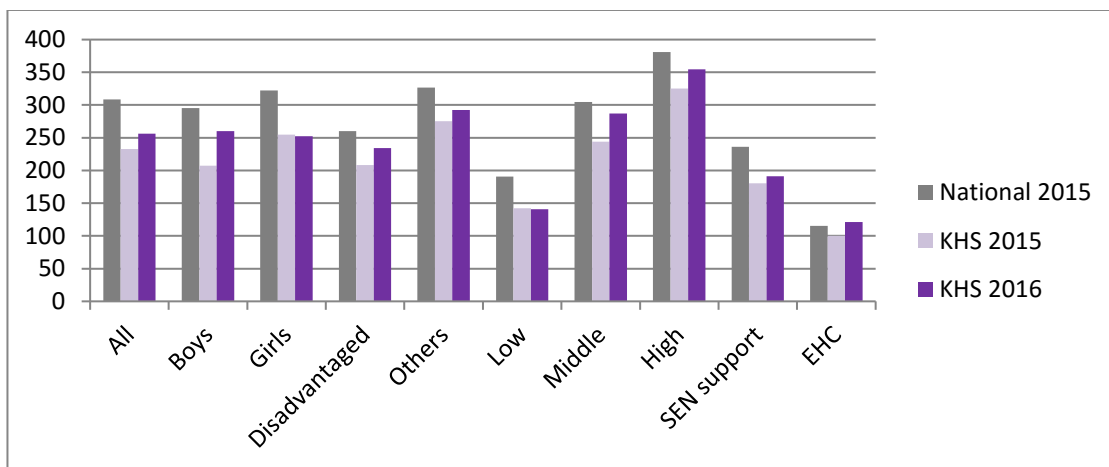
Even with the non-comparable data from 2013, which included non GCSE subjects, lowering the 3 year average, the cohort of 2015 gap between Kirkby High School disadvantaged pupils andno disadvantaged nationally is the same.

Average Capped Points Score

	Average Capped Points Score								
	2013			2014			2015		
	KHS	National Av	Difference	KHS	National Av	Difference	KHS	National Av	Difference
All Pupils	314.7	338.3	-23.6	231.3	306.9	-75.6	232.9	308.6	-75.7
Non Pupil Premium	327.2	350.9	-23.7	260.2	324.8	-64.6	275.1	326.6	-51.5
Pupil Premium	307.7		-43.2	215.2		-109.6	208.2		-118.4
Within School Gap	-19.5			-45			-66.9		

The averaged capped points score takes into account the best 8 GCSEs that students achieve. For pupil premium students at Kirkby High School, the average points score for the best 8 GCSEs is lower than the national average for pupil premium students but the provisional data for 2016 indicates a closing of the gap from -118.4% to -89.5%

	Capped APS									
	All	Boys	Girls	Disadvantaged	Others	Low	Middle	High	SEN support	EHC
National 2015	308.6	295.5	322.2	259.9	326.6	190.5	304.5	380.9	235.9	115.4
KHS 2015	232.9	207.4	254.9	208.2	275.1	142.3	244.1	325.2	180.4	100.3
KHS 2016	257.3	261.7	252.8	235.5	293.1	141.5	288.5	354.9	191.4	121.4



The table and graph above show the increase in average points score for all sub groups. Disadvantaged pupils show a rising trend in capped average points score when compared to other disadvantaged pupils in Kirkby High School and a closing of the gap between disadvantaged pupils in Kirby High school and disadvantaged pupils nationally.

The table below shows the 3 year average including all pupils.

	Average Capped Points Score		
	3 year average 2011-2013		
	KHS	National Av	Difference
All Pupils	259.6	317.9	-58.3
Non Pupil Premium	287.5	334.1	-46.6
Pupil Premium	243.7		-90.4
Within School Gap	-43.8		

The 3 year average gap between pupil premium students at Kirkby High School and non-pupil premium students nationally has now decreased to 90 points.

Progress Measures

Value Added

	Value Added Measure								
	2013 VA			2014 VA			2015 VA		
	KHS	National Av	Difference	KHS	National Av	Difference	KHS	National Av	Difference
All Pupils	972.1	1000	-27.9	927.1	1000	-72.9	924.9	1000	-75.1
Non Pupil Premium	981.2	1005.7	-24.5	949.9	1008	-58.1	971.0	1008.8	-37
Pupil Premium	965.3		-18.1	915.0		-93	898.2		-109.8
Within School Gap	-15.9			-34.9			-72.8		

The table below shows the 3 year average including all pupils.

	3 year average 2013-2015		
	KHS	National Av	Difference
All Pupils	941.4	1000	-58.6
Non Pupil Premium	967.4	1007.5	-40.1
Pupil Premium	926.2		-81.3
Within School Gap	-41.2		

The 3 year average value added for pupil premium students at Kirkby High School is below the national average.

Expected Progress in English

Provisional Data for 2016 (Based on 2015 national data set)

	Expected Progress English (%)		
	2016		
	KHS	National Av	Difference
All Pupils	64.1	69	-4.9
Non Pupil Premium	70.2	74	-3.8
Pupil Premium	60.2		-13.8
% Within School Gap	-10		

English	Expected Progress English (%)								
	2013			2014			2015		
	KHS	National Av	Difference	KHS	National Av	Difference	KHS	National Av	Difference
All Pupils	46	69	-23	43	70	-27	53	69	-16
Non Pupil Premium	57	74	-17	60	75	-15	65	74	-9
Pupil Premium	40		-34	34		-41	46		-28
% Within School Gap	-17			-26			-19		

In English the pupil premium students have continued to close the gap. The gap between pupil premium students in Kirkby high school and other pupils nationally closed 13% between 2014 and 2015 and indicators show that this trend will continue to improve this is direct correlation with the in school gap which closed from 26% in 2014 to 19% in 2015.

The table below shows the 3 year average including all pupils.

English	Expected Progress (%)		
	3 year average 2013-2015		
	KHS	National Av	Difference
All Pupils	47.3	69.3	-22
Non Pupil Premium	60.7	74.3	-13.6
Pupil Premium	40		-34.3
% Within School Gap	-20.7		

The current in school gap of 19% and national gap of 28% are both lower than the previous 3 year average indicating that the positive trend is set to continue and this 3 year average will continue to close.

Expected Progress in mathematics

Mathematics	Expected Progress Maths (%)								
	2013			2014			2015		
	KHS	National Av	Difference	KHS	National Av	Difference	KHS	National Av	Difference
All Pupils	56	70	-14	40	65	-25	41	66	-25
Non Pupil Premium	67	76	-9	52	71	-19	56	72	-16
Pupil Premium	50		-26	24		-37	33		-39
	-17			-28			-23		

The table below shows the three year average including all pupils.

Mathematics	Expected Progress Maths (%)		
	3 year average 2013-2015		
	KHS	National Av	Difference
All Pupils	45.7	67	-21.3
Non Pupil Premium	58.3	73	-14.7
Pupil Premium	35.7		-37.3
% Within School Gap	-22.6		

Historical mathematics data shows no comparable trends due to changes in specifications over the past 3 years.