

<b>Report to:</b>	<b>EDUCATION ATTAINMENT IMPROVEMENT BOARD</b>
<b>Date:</b>	26 January 2016
<b>Reporting Officer:</b>	Bob Berry, Interim Assistant Executive Director (Learning)
<b>Subject:</b>	<b>PROGRESS 8 IN TAMESIDE IN 2015</b>
<b>Report Summary:</b>	The Department for Education has introduced a new set of performance indicators for the end of secondary school education, i.e. the end of KS4. These measures will come into effect in August 2016. This report outlines what results for Tameside schools would have looked like had these performance indicators been in place in 2015.
<b>Recommendations:</b>	That members note the changes, and understand the new parameters for assessing the performance of schools in the borough.
<b>Links to Sustainable Community Strategy:</b>	These new performance measures provide an indication of a school's performance across a much wider range of subjects than was previously the case, and put the emphasis on progress rather than attainment. The borough's long-term economic strategy depends ultimately on its capacity to produce and then retain its own talented young people.
<b>Policy Implications:</b>	The above is in line with the strategic plan.
<b>Financial Implications:</b> <b>(Authorised by the Section 151 Officer)</b>	There are no direct financial implications arising from this report.
<b>Legal Implications:</b> <b>(Authorised by the Borough Solicitor)</b>	It is important that Members understand the national framework and its changes so that there is appropriate resource and challenge.
<b>Risk Management:</b>	From August 2016, local authority secondary schools that achieve below the floor standard set by Progress 8 are at risk of enforced academisation.
<b>Access to Information:</b>	The background papers relating to this report can be inspected by contacting Bob Berry, Interim Assistant Executive Director (Learning) by:



Telephone: 0161 342 2330



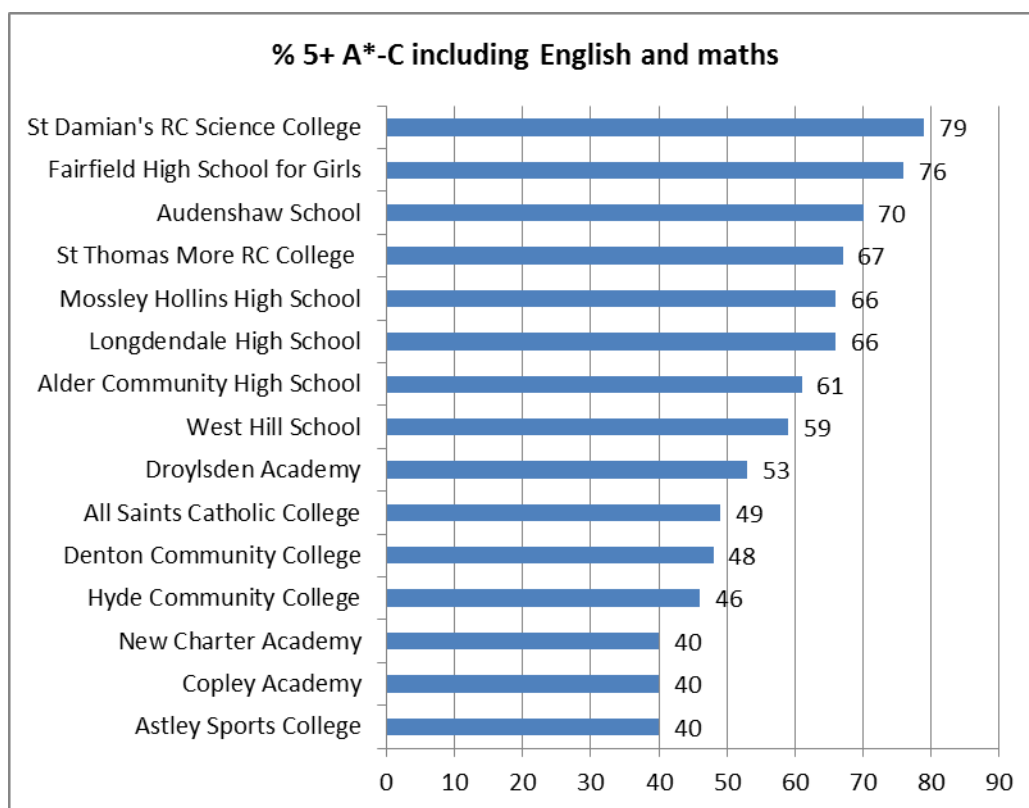
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## 1 INTRODUCTION

- 1.1 Prior to 15/16 all students, secondary schools and academies are measured on how many GCSE's they achieve at A\*-C including English and Mathematics and the levels of progress made between Key Stage 2 and Key Stage 4. This year this is going to change to Attainment 8 & Progress 8.
- 1.2 Schools had the option to opt in to the 2016 accountability measures in 2015. Two schools in Tameside did this: Denton Community College and Mossley Hollins High School. This meant that the accountability for these schools would be under Attainment 8 and Progress 8 rather than 5+ A\*-C including English & maths and expected levels of progress.
- 1.3 For schools that did not opt in, the DfE released to the Local Authority the results of Tameside's schools had Attainment 8 and Progress 8 been in place in 2015. This report highlights the performance of schools differs under Attainment 8 and Progress 8.
- 1.4 Schools will have made changes to their curriculum to be fully compliant to the new accountability measures in 2015/16 and all Progress 8 and Attainment 8 figures presented in this report should be treated with caution.

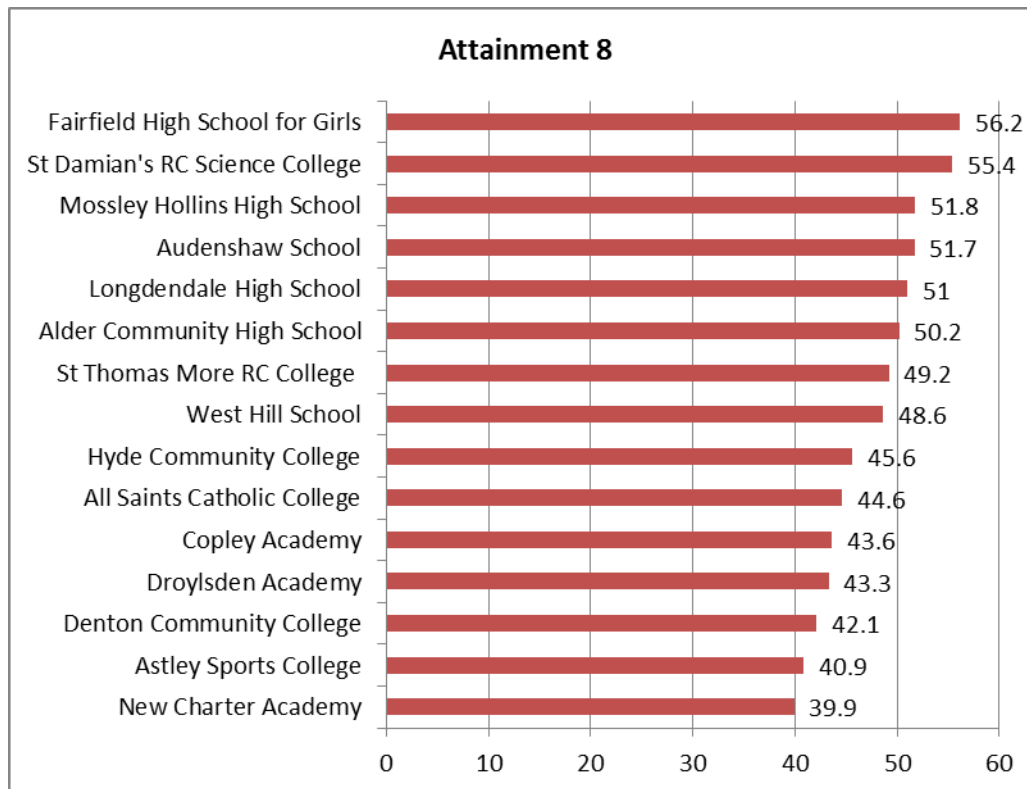
## 2 ATTAINMENT

- 2.1 In 2015 the percentage of pupils in mainstream schools in Tameside attaining 5+ A\*-C currently ranged from 79% at St Damian's RC Science college to 40% at Astley Sports College, Copley Academy and New Charter Academy. All schools in Tameside met the floor measure of 40% for attainment of 5+ A\*-C inc English and maths.



- 2.2 The Progress 8 score is based on the performance of pupils across 8 subjects – this performance score is known as the “Attainment 8” score. The Attainment 8 grade is a grade that pupils will get at the end of Key Stage 4 showing their average achievement across 8 subjects. It is similar to the “Best 8” figure that schools get now however the subjects involved are different.

- 2.3 Attainment 8 is the sum of grades from the following: English and maths (double weighted), three Ebacc subjects (three subjects from the following areas: humanities, languages and science) and three other subjects (Ebacc, non Ebacc GCSEs or vocational qualifications).
- 2.4 If Attainment 8 was implemented in 2015, the table below illustrates what the picture in Tameside would look like:

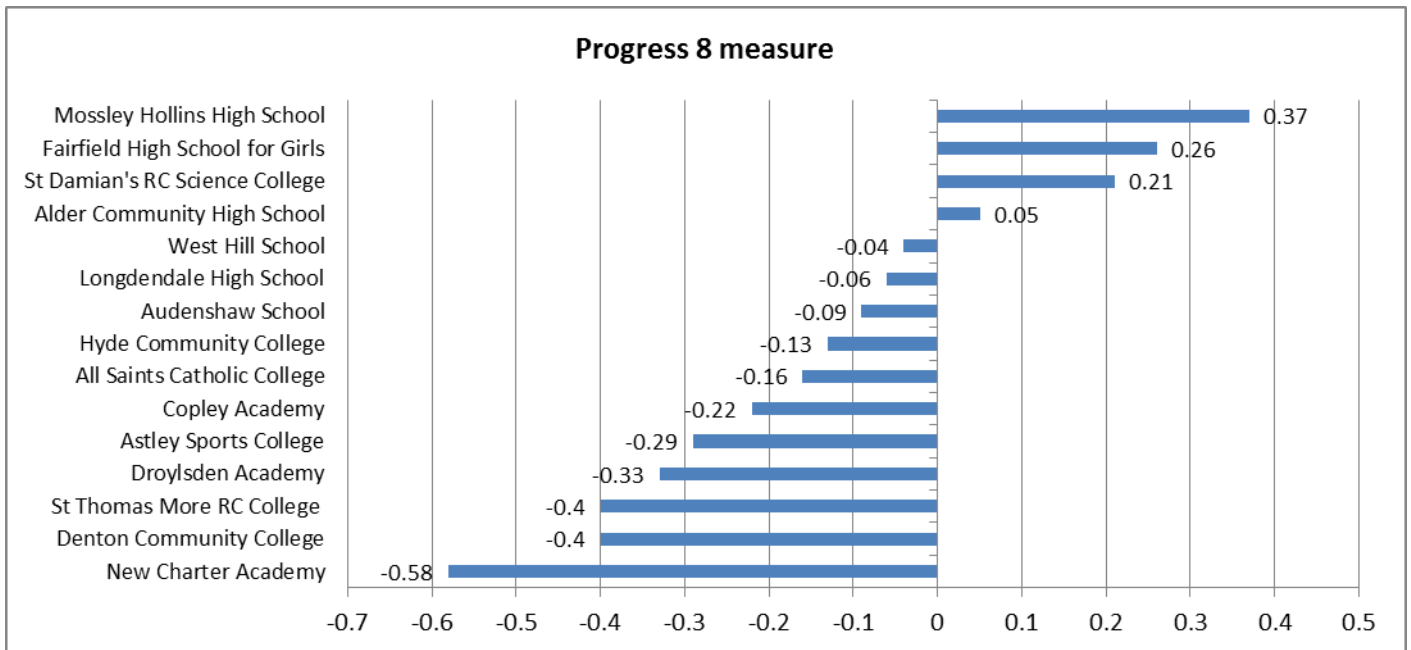


- 2.5 The Attainment 8 figures place a different perspective on the attainment of Tameside's schools. Fairfield High School for Girls had the highest Attainment 8 figure in 2015, St Damian's RC Science College had the second highest Attainment 8 figure whilst Mossley Hollins High School had the third highest Attainment 8 figure. New Charter Academy had the lowest Attainment 8 figure, with Astley Sports College having the second lowest and Denton Community College having the third lowest. The national average Attainment 8 score for state funded schools was 48.2 and 7 schools in Tameside were below this.

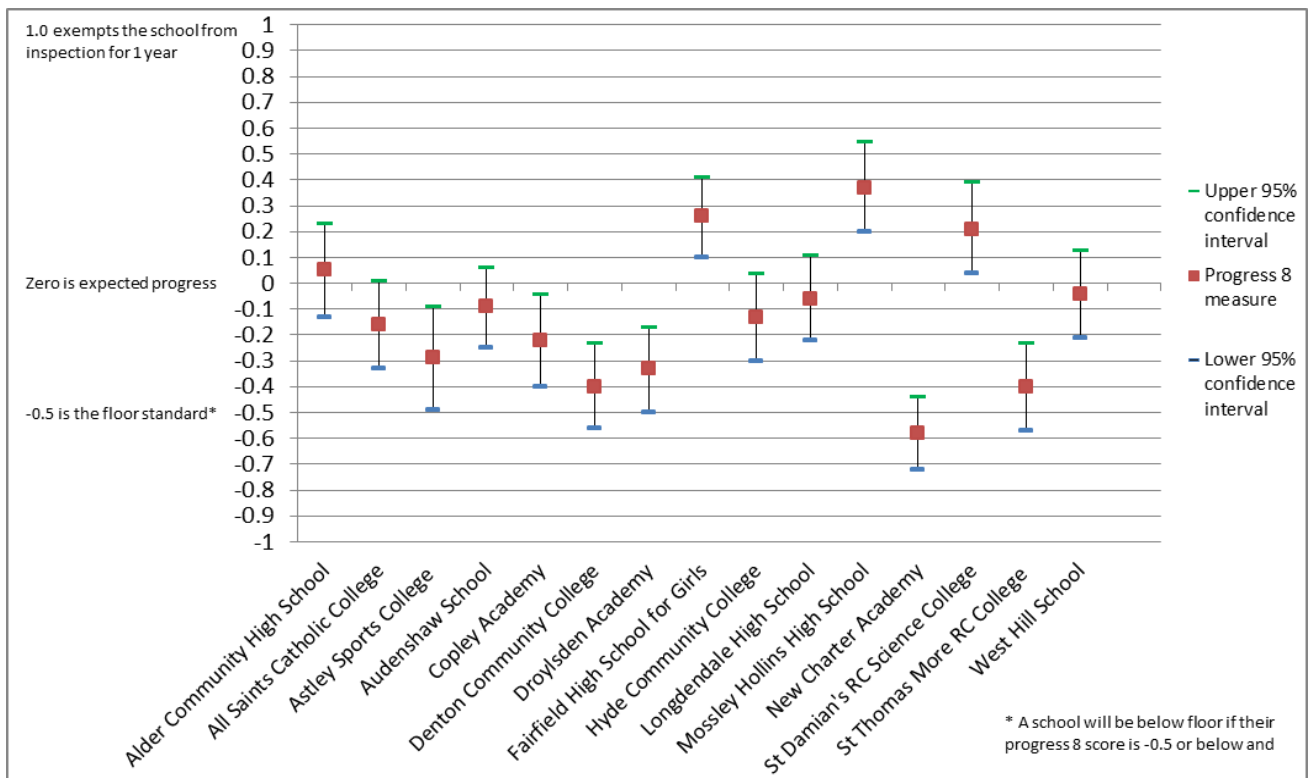
### 3 PROGRESS

- 3.1 Under Progress 8, which will be the main accountability measure and the main way of which schools will be ranked, the progress figure given takes into account the average progress across the following areas: English and maths (double weighted), three Ebacc subjects (three subjects from the following areas: humanities, languages and science) and three other subjects (Ebacc, non Ebacc GCSEs or vocational qualifications).
- 3.2 When taking into account Progress 8 in 2015, the results of schools in Tameside change again. Mossley Hollins High School had the highest Progress 8 score in 2015. 11 out of 15 schools were below zero, meaning that the school did not meet their Attainment 8 estimate and as such did not make expected progress.

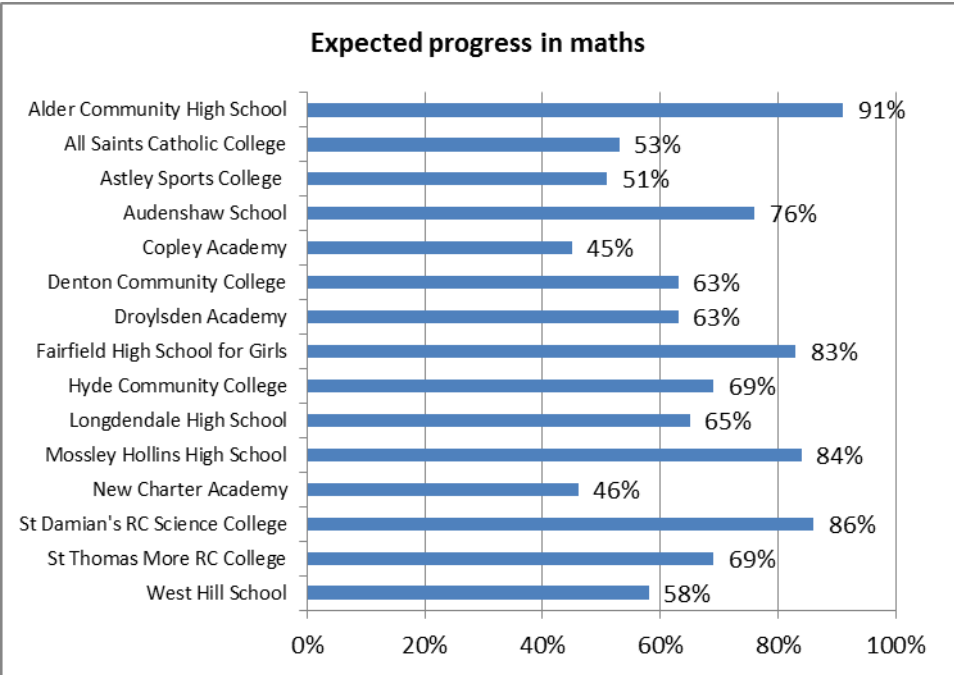
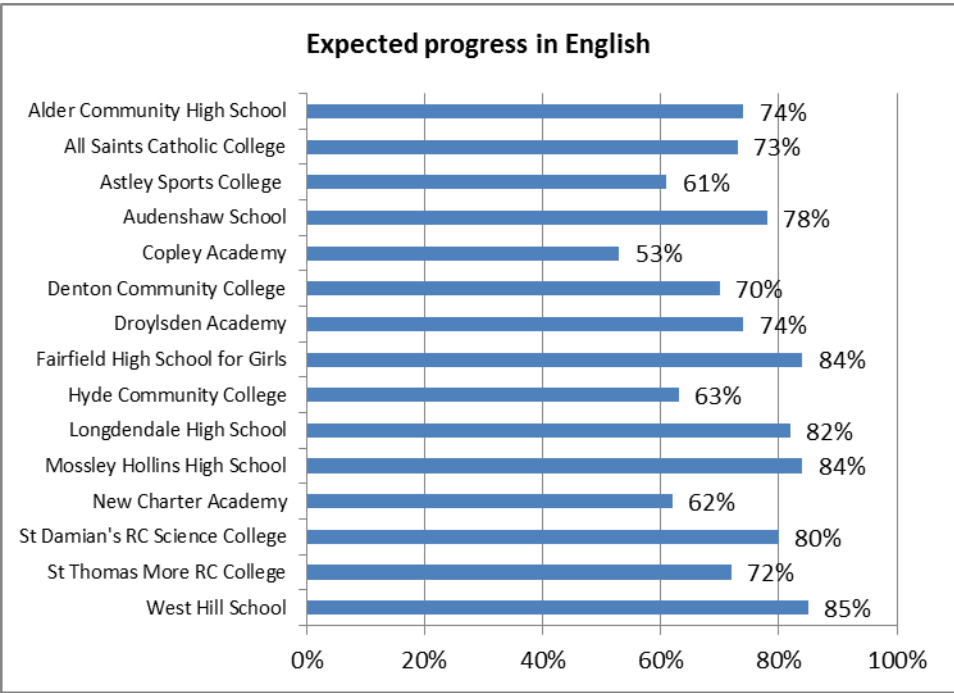
3.3 The progress of pupils in Copley Academy and Astley Sports College was higher under Progress 8 in 2015. In contrast, Denton Community College and St Thomas More RC College would have been 13<sup>th</sup> and 14<sup>th</sup> respectively. New Charter Academy would have been below floor standards had Progress 8 been implemented in 2015.



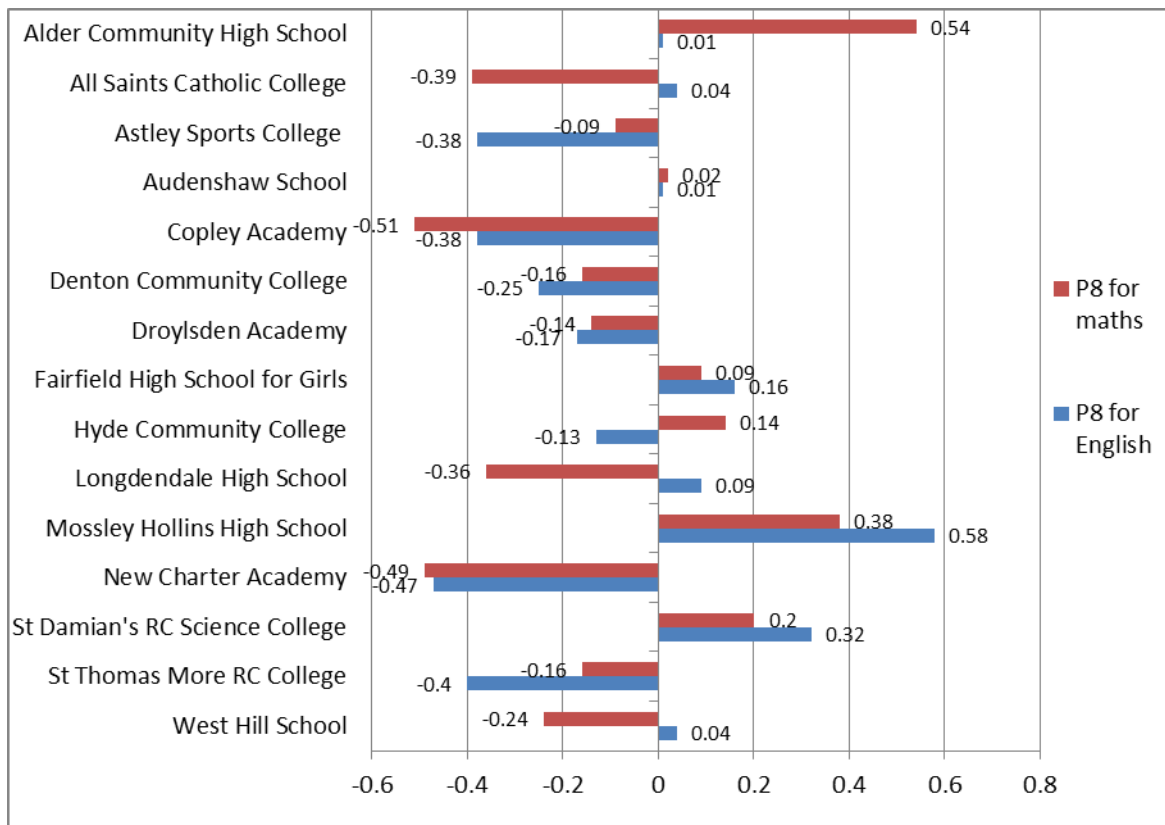
3.4 Attainment and progress measures are based on a given set of pupils' results for a particular test paper on a particular day. The same pupils may have achieved different results on the day or the school would almost certainly have shown slightly different results with a different set of pupils, even with the same levels of prior attainment, yet the school could be equally effective. This causes us a degree of uncertainty that needs to be taken into. To combat this, the DfE uses confidence intervals as they illustrate a line on which we can be statistically confident a school's results would lie had pupils sat the tests on a different day. The Progress 8 confidence intervals are below:



3.5 In terms of expected progress in 2015, West Hill School currently has the highest percentage of pupils making expected progress in English, with 85% of pupils achieving this; Fairfield High School for Girls and Mossley Hollins High School saw 84% of their pupils making expected progress. In maths, Alder Community High School saw 91% of pupils making expected progress followed by 86% of pupils at St Damian's RC Science College and 84% of pupils at Mossley Hollins High School. Below are what the current unvalidated progress figures are for Tameside schools in English and maths:



3.6 Under Progress 8, these figures change. Please see the table below:



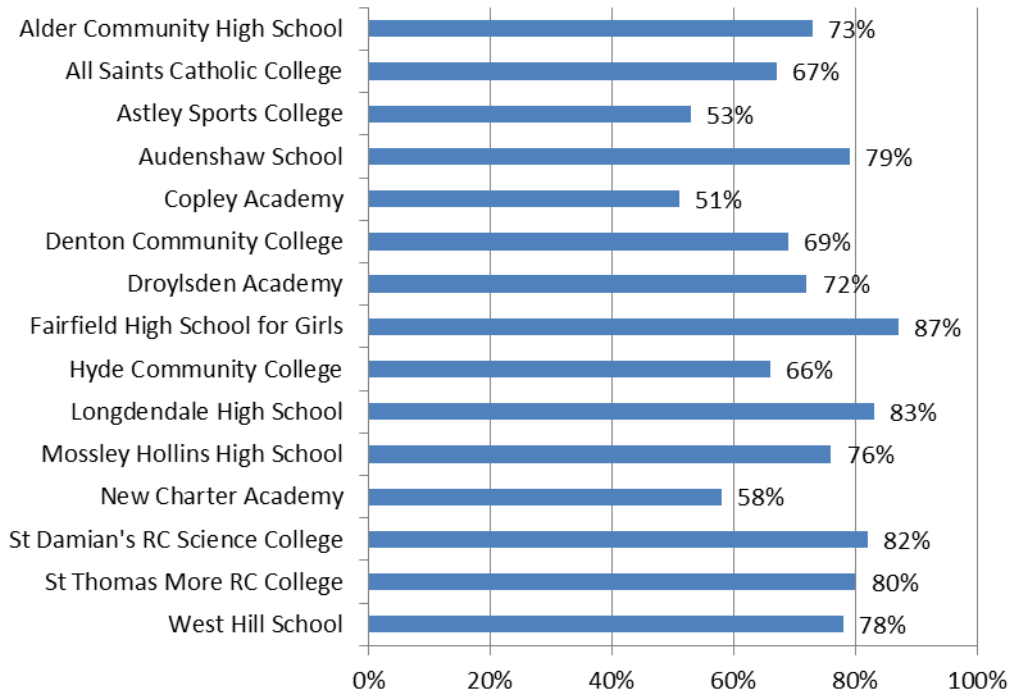
3.7 Mossley Hollins High School has a Progress 8 score in English of 0.58. This makes them the highest performing school in English in the borough. St Damian's RC Science College and Fairfield High School for Girls have the 2<sup>nd</sup> and 3<sup>rd</sup> highest Progress 8 score in English respectively. In contrast, New Charter Academy has a Progress 8 score of -0.47 meaning that, on average, pupils at New Charter Academy achieve nearly half a grade less than their peers. St Thomas More RC College have a Progress 8 score of -0.4 in English and both Copley Academy and Astley Sports College have a English Progress 8 score of -0.38.

3.8 Alder Community High School's Progress 8 score in maths of 0.54 makes them the highest performing school in maths in the borough. 0.54 means that, on average, pupils at Alder achieve more than half a grade more than their peers. The 2<sup>nd</sup> place school in Tameside in maths was Mossley Hollins High School who had a Progress 8 figure of 0.38 and the 3<sup>rd</sup> place school was Hyde Community College with a Progress 8 figure of 0.14. The school with the lowest Progress 8 score in maths was Copley Academy with a figure of -0.51; this means that pupils at Copley Academy achieve half a grade less than their peers nationally. New Charter Academy and All Saints Catholic College have the 2<sup>nd</sup> and 3<sup>rd</sup> lowest Progress 8 figures in maths respectively.

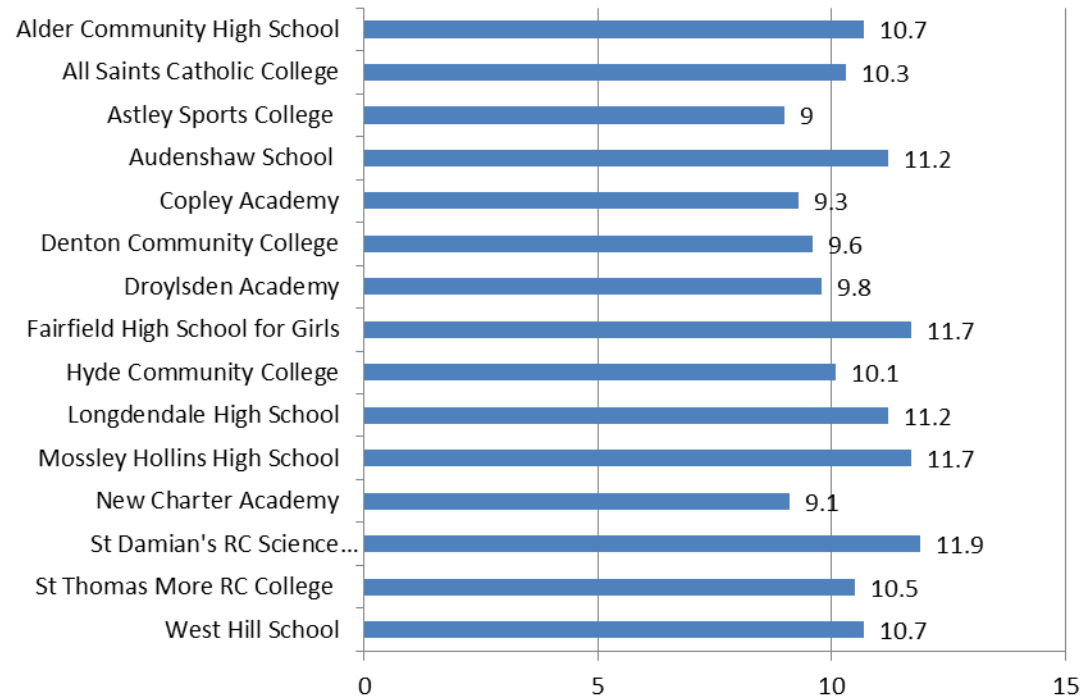
## 4 ENGLISH & MATHS

4.1 A\*-C in English compared to average Attainment 8 score - Below is the percentage of pupils achieving A\*-C in English compared to the average Attainment 8 score for English. The figure shown for Attainment 8 in English has been double weighted.

**Percentage of pupils achieving the Ebacc English subject area**



**Average Attainment 8 score per pupil for English element**

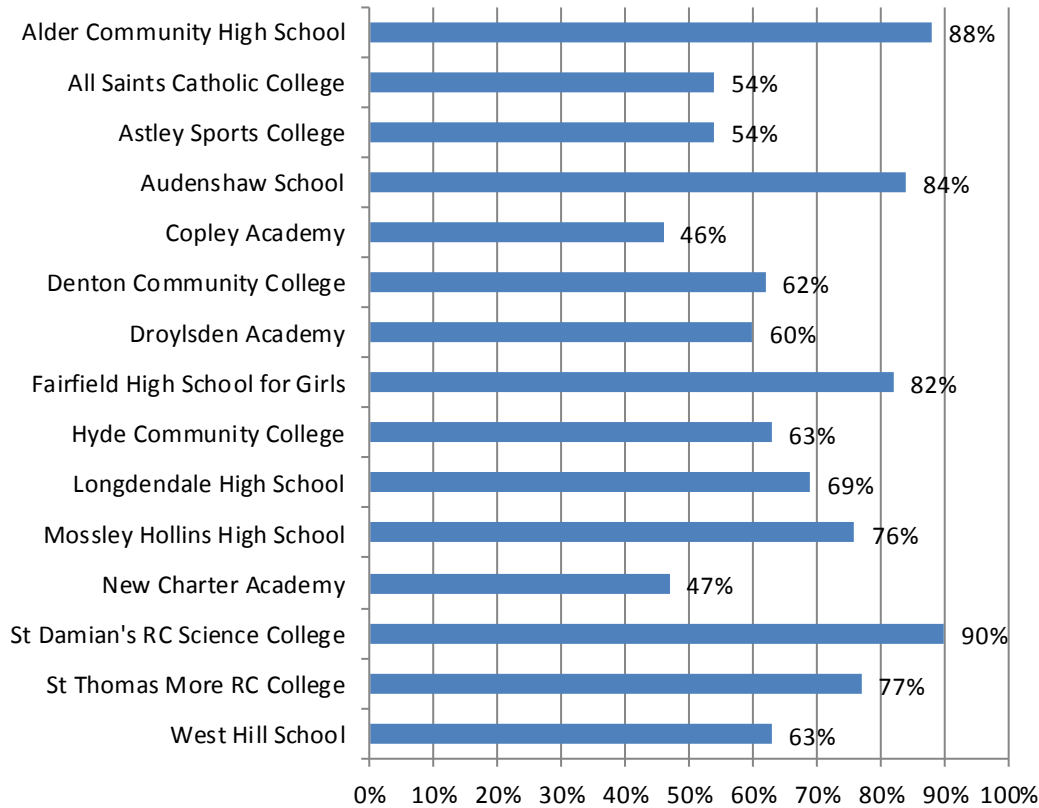


4.2 Though Longdendale High School had the highest percentage of pupils achieving A\*-C in English, the average attainment 8 grade was not the highest in the borough. The average attainment 8 grade at Longdendale was 11.2 which, when not double weighted, is equivalent to 5.6 on the 1-8 GCSE scale and as such the average grade was between a grade B and C. St Damian's RC Science College had the highest Attainment 8 grade, with each pupil, on average, attaining just below a grade B in English. The lowest attaining school in English was Astley Sports College.

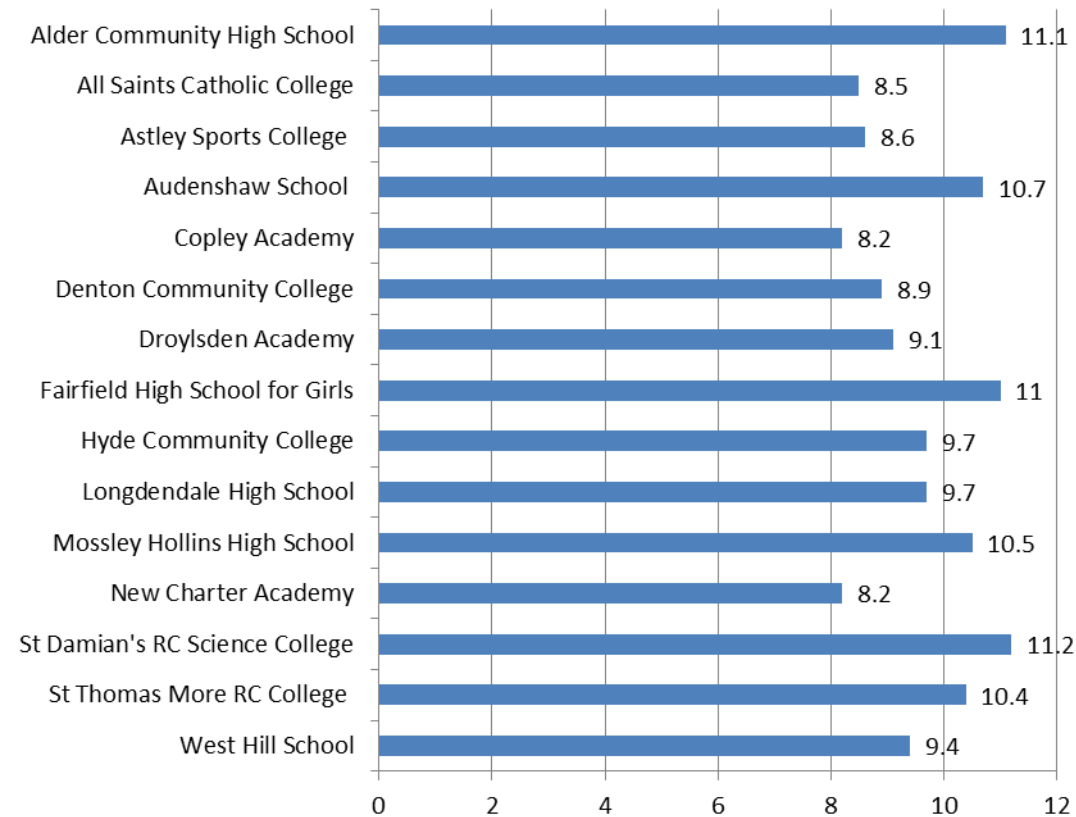


4.3 A\*-C in maths compared to average Attainment 8 score. - Below is the percentage of pupils achieving A\*-C in English compared to the average Attainment 8 score for maths. The figure shown for Attainment 8 in maths has been double weighted.

**Percentage of pupils achieving the Ebacc Maths subject area**



**Average Attainment 8 score per pupil for mathematics element**



4.4 St Damian's RC Science College have the highest percentage of pupils (90%) in Tameside achieving A\*-C in maths. St Damian's also have the highest Attainment 8 figure, with their average Attainment 8 score for maths per pupil being 11.2. Alder Community High School had 88% of pupils achieve A\*-C in maths and their average Attainment 8 score for maths being 11.1. Whilst Audenshaw School saw 84% of pupils achieve A\*-C in maths, its Attainment 8 score for maths was 10.7; this was lower than Fairfield High School who had an Attainment 8 score of 11 compared to 82% of pupils achieving A\*-C in maths.

- 4.5 New Charter Academy and Copley Academy had an Attainment 8 score in maths of 8.2. This is reflected in their figures for attainment of A\*-C in maths, with 47% of pupils achieving A\*-C in maths at New Charter Academy and 46% of pupils at Copley Academy achieving A\*-C in maths.
- 4.6 Whilst there is a 6% gap in attainment of A\*-C in maths between Longdendale High School and Hyde Community College, their Attainment 8 score per pupil in math is the same.

## **5 SUMMARY**

- 5.1 Progress 8 and Attainment 8 come into force in 2016 for all secondary schools. It will be the new measure for all secondary schools. Each pupil will have an Attainment 8 score and a Progress 8 score. Schools will also receive an Attainment 8 score and a Progress 8 score. If the Progress 8 score for the school is -0.5 or lower, the school will fall below the floor standard; this is likely to trigger an Ofsted inspection.
- 5.2 The results of Tameside schools do differ under Progress 8 and Attainment 8 and it is important that the authority is fully aware of how the individual performance of schools may be affected under the new accountability measures.

## **6 RECOMMENDATIONS**

- 6.1 That the board is kept fully up to date with the changes to performance measures that are taking place over the coming years.

## APPENDIX A

Position of Tameside schools within the borough in terms of both the current accountability indicators and the 2016 accountability indicators.

The table below is ranked by Progress 8 score.

DfE number	School name	% 5+ A*-C including English and maths	Ranking on 5+A*-C inc E&M	Average Attainment 8 score per pupil	Ranking on Attainment 8 measure	Progress 8 measure	Ranking on Progress 8 measure	Expected progress in English	Ranking - EP English	Progress 8 measure for English element	Ranking - P8 English	Expected progress in maths	Rank - EP maths	Progress 8 measure for mathematics element	Rank - P8 maths
4018	Mossley Hollins High School	66%	5	51.8	3	0.37	1	84%	2	0.58	1	84%	3	0.38	2
5402	Fairfield High School for Girls	76%	2	56.2	1	0.26	2	84%	2	0.16	3	83%	4	0.09	5
4602	St Damian's RC Science College	79%	1	55.4	2	0.21	3	80%	5	0.32	2	86%	2	0.2	3
4006	Alder Community High School	61%	7	50.2	6	0.05	4	74%	7	0.01	7	91%	1	0.54	1
5401	West Hill School	59%	8	48.6	8	-0.04	5	85%	1	0.04	5	58%	11	-0.24	11
4023	Longdendale High School	66%	5	51	5	-0.06	6	82%	4	0.09	4	65%	8	-0.36	12
5400	Audenshaw School	70%	3	51.7	4	-0.09	7	78%	6	0.01	7	76%	5	0.02	6
4025	Hyde Community College	46%	12	45.6	9	-0.13	8	63%	12	-0.13	9	69%	6	0.14	4
4604	All Saints Catholic College	49%	10	44.6	10	-0.16	9	73%	9	0.04	5	53%	12	-0.39	13
4011	Copley Academy	40%	13	43.6	11	-0.22	10	53%	15	-0.38	12	45%	15	-0.51	15
4026	Astley Sports College	40%	13	40.9	14	-0.29	11	61%	14	-0.38	12	51%	13	-0.09	7
6906	Droylsden Academy	53%	9	43.3	12	-0.33	12	74%	7	-0.17	10	63%	10	-0.14	8
4603	St Thomas More RC College	67%	4	49.2	7	-0.4	13	72%	10	-0.4	14	69%	6	-0.16	9
4028	Denton Community College	48%	11	42.1	13	-0.4	13	70%	11	-0.25	11	63%	9	-0.16	9
6905	New Charter Academy	40%	13	39.9	15	-0.58	15	62%	13	-0.47	15	46%	14	-0.49	14