

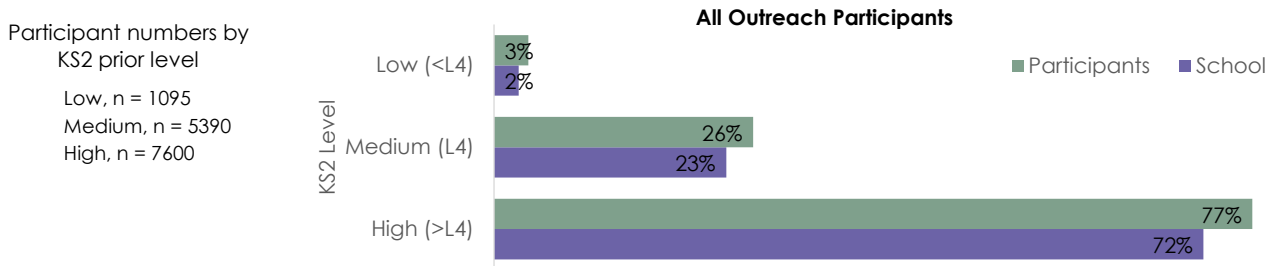
This infographic shows the Key Stage 4 (KS4) performance of outreach participants engaged by HEAT's member organisations. The subsequent pages provide a breakdown by organisation type: Russell Group HEIs, pre-1992 non-Russell Group HEIs, post-1992 HEIs and NCOP consortia. This breakdown was needed due to the variety in results across the membership, suggesting differences in the targeting approaches taken by these types of organisations. All participants took part in an intensive package of outreach.

First we look at data for all HEAT members. Here we show the **KS4 achievement of participants in absolute terms and in relation to their prior attainment** at Key Stage 2 (KS2). The attainment of participants is compared with the average attainment for their schools. Controlling for prior attainment at KS2 helps remove some selection bias that may result from targeting. However, this comparison cannot control for further influencing factors like participants' motivation or engagement in their education. **All participants included in the analysis engaged in outreach before sitting their KS4 exams in 2017/18.**

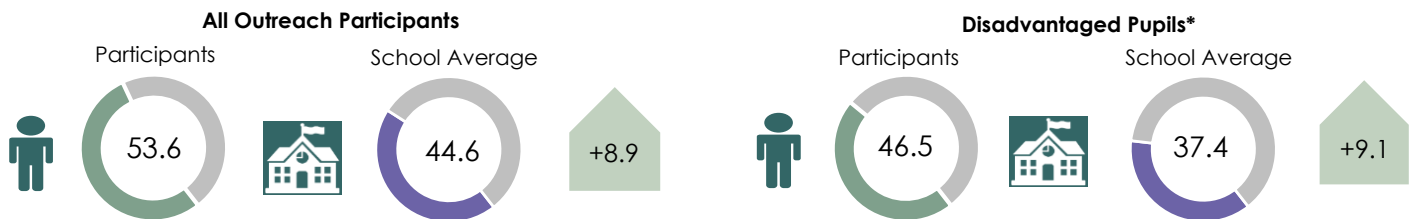
Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass



Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass for low/medium/high achievement band at KS2



Average Attainment 8 scores (Average grade across eight subjects)



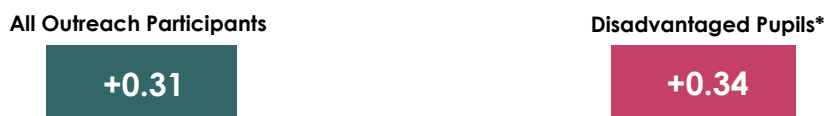
Average Attainment 8 scores for low/average/high achievement band at KS2 - difference between participant and school average

	All Outreach Participants	School Average	-/+ Difference
Low KS2 attainment (<L4)	29.2	25.2	+4.1
Medium KS2 attainment (L4)	44.4	40.3	+4.1
High KS2 attainment(>L4)	63.7	57.8	+5.9

NB This means that on average medium attaining participants achieved a +4.1 grade difference when compared with their schools

Progress 8 scores - difference between participant and school average

Progress 8 is the DfE's new value added score. It is calculated for each pupil by comparing their achievement—their Attainment 8 score—with the average Attainment 8 score of all pupils nationally who had similar prior attainment at KS2. The greater the Progress 8 score, the greater the progress made by the pupil compared with the average for pupils with similar prior attainment.



NB This means that when taking account of prior attainment, on average disadvantaged participants achieved a +3.4 grade difference when compared with their schools

*Here we use the Department for Education's definition of a disadvantaged pupil - this being all pupils entitled to Free School Meals. SUPP = Suppressed

Target schools include any school in which a HEAT member has delivered outreach to learners before they reach KS4. The school averages relate to the year that participants in the school sat their exams. Percentages based on populations of <22.5 have been suppressed.

This infographic shows the Key Stage 4 (KS4) performance of outreach participants engaged by Russell Group HEIs subscribing to HEAT

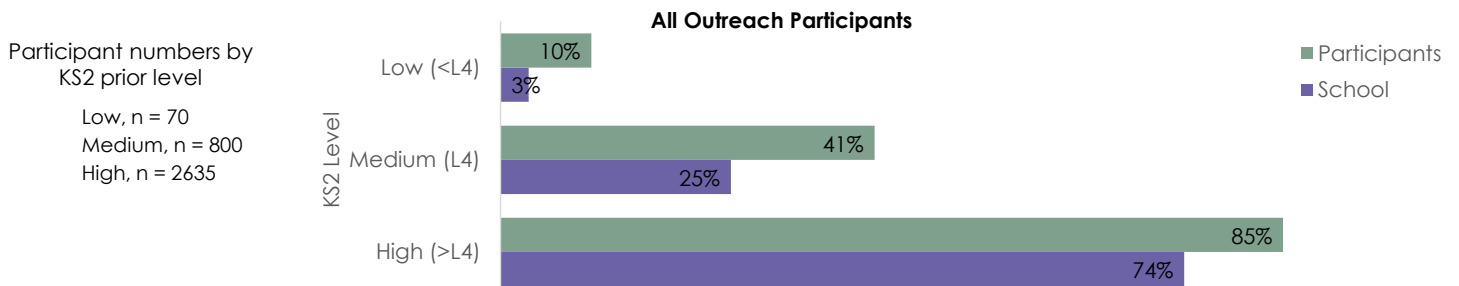
All participants included in the analysis engaged in an intensive package of outreach *before* sitting their KS4 exams in 2017/18

Here we look at the **KS4 achievement of participants in absolute terms and in relation to their prior attainment** at Key Stage 2 (KS2). The attainment of participants is compared with the average attainment for their schools. Controlling for prior attainment at KS2 helps remove some selection bias that may result from targeting. However, this comparison cannot control for further influencing factors like participants' motivation or engagement in their education.

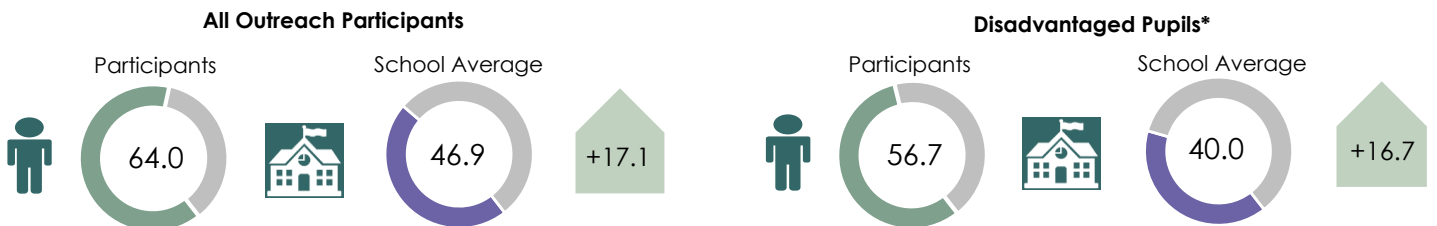
Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass



Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass for low/average/high achievement band at KS2



Average Attainment 8 scores (Average grade across eight subjects)



Average Attainment 8 scores for low/average/high achievement band at KS2 - difference between participant and school average

KS2 Attainment Band	All Outreach Participants	School Average	-/+ Difference
Low KS2 attainment (<L4)	33.0	25.7	+7.2
Medium KS2 attainment (L4)	49.9	41.2	+8.7
High KS2 attainment (>L4)	69.0	59.5	+9.5

NB This means that on average medium attaining participants achieved a 8.7 grade difference when compared with their schools

Progress 8 scores - difference between participant and school average

Progress 8 is the DfE's new value added score. It is calculated for each pupil by comparing their achievement –their Attainment 8 score – with the average Attainment 8 score of all pupils nationally who had similar prior attainment at KS2. The greater the Progress 8 score, the greater the progress made by the pupil compared with the average for pupils with similar prior attainment.



NB This means that when taking account of prior attainment, on average disadvantaged participants achieved a 5.7 grade difference when compared with their schools

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Target schools include any school in which a HEAT member has delivered outreach to learners before they reach KS4. The school averages relate to the year that participants in the school sat their exams. Percentages based on populations of <22.5 have been suppressed.

This infographic shows the Key Stage 4 (KS4) performance of outreach participants engaged by pre-1992 non Russell Group HEIs subscribing to HEAT

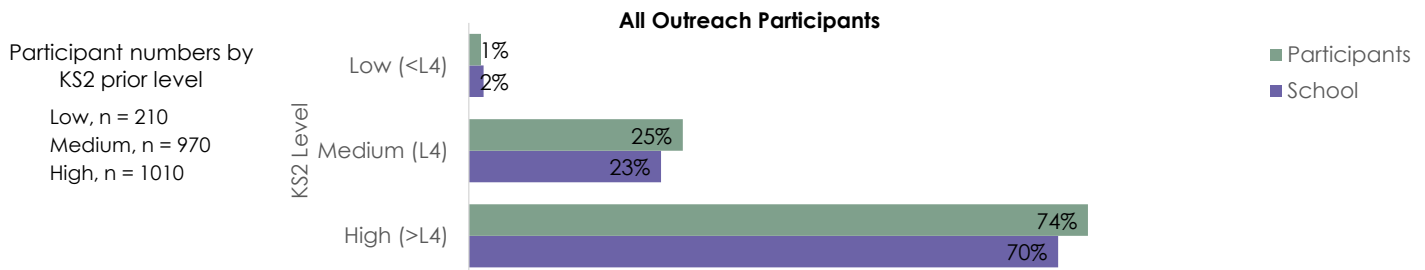
All participants included in the analysis engaged in an intensive package of outreach *before* sitting their KS4 exams in 2017/18

Here we look at the **KS4 achievement of participants in absolute terms and in relation to their prior attainment** at Key Stage 2 (KS2). The attainment of participants is compared with the average attainment for their schools. Controlling for prior attainment at KS2 helps remove some selection bias that may result from targeting. However, this comparison cannot control for further influencing factors like participants' motivation or engagement in their education.

Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass



Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass for low/average/high achievement band at KS2



Average Attainment 8 scores (Average grade across eight subjects)



Average Attainment 8 scores for low/average/high achievement band at KS2 - difference between participant and school average

	All Outreach Participants	School Average	-/+ Difference
Low KS2 attainment (<L4)	31.0	25.8	+5.2
Medium KS2 attainment (L4)	45.1	40.7	+4.3
High KS2 attainment(>L4)	61.5	57.0	+4.5

NB This means that on average medium attaining participants achieved a 4.3 grade difference when compared with their schools

Progress 8 scores - difference between participant and school average

Progress 8 is the DfE's new value added score. It is calculated for each pupil by comparing their achievement –their Attainment 8 score – with the average Attainment 8 score of all pupils nationally who had similar prior attainment at KS2. The greater the Progress 8 score, the greater the progress made by the pupil compared with the average for pupils with similar prior attainment.



NB This means that when taking account of prior attainment, on average disadvantaged participants achieved a 3.6 grade difference when compared with their schools

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Target schools include any school in which a HEAT member has delivered outreach to learners before they reach KS4. The school averages relate to the year that participants in the school sat their exams. Percentages based on populations of <22.5 have been suppressed.

This infographic shows the Key Stage 4 (KS4) performance of outreach participants engaged by post-1992 HEIs subscribing to HEAT

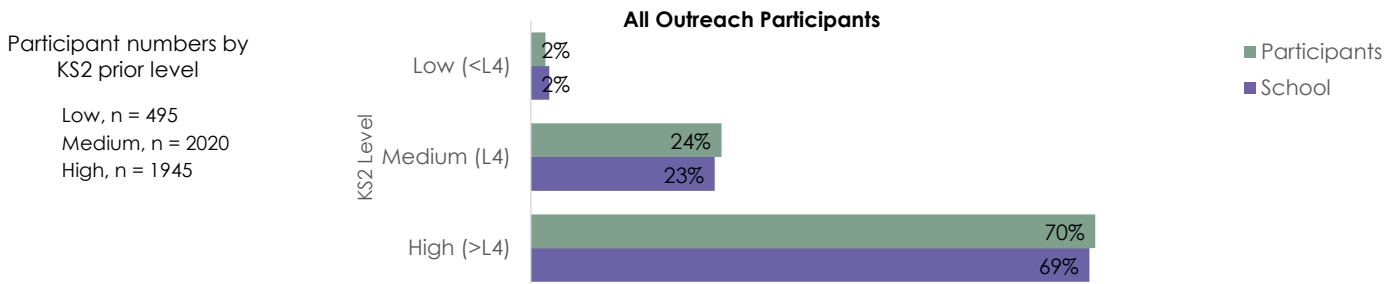
All participants included in the analysis engaged in an intensive package of outreach *before* sitting their KS4 exams in 2017/18

Here we look at the **KS4 achievement of participants in absolute terms and in relation to their prior attainment** at Key Stage 2 (KS2). The attainment of participants is compared with the average attainment for their schools. Controlling for prior attainment at KS2 helps remove some selection bias that may result from targeting. However, this comparison cannot control for further influencing factors like participants' motivation or engagement in their education.

Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass



Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass for low/average/high achievement band at KS2



Average Attainment 8 scores (Average grade across eight subjects)



Average Attainment 8 scores for low/average/high achievement band at KS2 - difference between participant and school average

	All Outreach Participants	School Average	-/+ Difference
Low KS2 attainment (<L4)	28.4	24.7	+3.6
Medium KS2 attainment (L4)	43.3	40.0	+3.3
High KS2 attainment(>L4)	59.8	56.3	+3.5

NB This means that on average medium attaining participants achieved a 3.3 grade difference when compared with their schools

Progress 8 scores - difference between participant and school average

Progress 8 is the DfE's new value added score. It is calculated for each pupil by comparing their achievement –their Attainment 8 score – with the average Attainment 8 score of all pupils nationally who had similar prior attainment at KS2. The greater the Progress 8 score, the greater the progress made by the pupil compared with the average for pupils with similar prior attainment.



NB This means that when taking account of prior attainment, on average disadvantaged participants achieved a 2.1 grade difference when compared with their schools

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Target schools include any school in which a HEAT member has delivered outreach to learners before they reach KS4. The school averages relate to the year that participants in the school sat their exams. Percentages based on populations of <22.5 have been suppressed.

This infographic shows the Key Stage 4 (KS4) performance of outreach participants engaged by NCOP consortia subscribing to HEAT

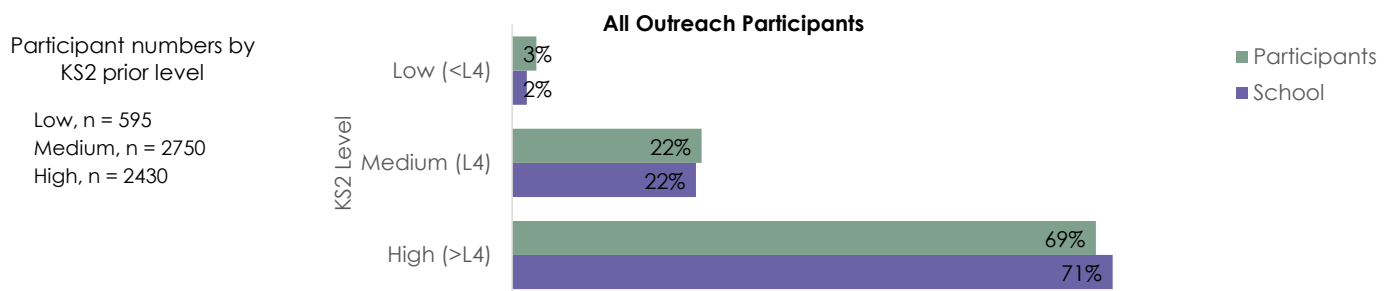
All participants included in the analysis engaged in an intensive package of outreach *before* sitting their KS4 exams in 2017/18

Here we look at the **KS4 achievement of participants in absolute terms and in relation to their prior attainment** at Key Stage 2 (KS2). The attainment of participants is compared with the average attainment for their schools. Controlling for prior attainment at KS2 helps remove some selection bias that may result from targeting. However, this comparison cannot control for further influencing factors like participants' motivation or engagement in their education.

Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass



Percentage of students awarded English and Maths at level 2 (GCSE only) with a strong 9-5 pass for low/average/high achievement band at KS2



Average Attainment 8 scores (Average grade across eight subjects)



Average Attainment 8 scores for low/average/high achievement band at KS2 - difference between participant and school average

	All Outreach Participants	School Average	-/+ Difference
Low KS2 attainment (<L4)	29.4	24.8	+4.7
Medium KS2 attainment (L4)	43.2	39.5	+3.7
High KS2 attainment(>L4)	59.3	57.3	+2.0

NB This means that on average medium attaining participants achieved a 3.7 grade difference when compared with their schools

Progress 8 scores - difference between participant and school average

Progress 8 is the DfE's new value added score. It is calculated for each pupil by comparing their achievement –their Attainment 8 score – with the average Attainment 8 score of all pupils nationally who had similar prior attainment at KS2. The greater the Progress 8 score, the greater the progress made by the pupil compared with the average for pupils with similar prior attainment.



NB This means that when taking account of prior attainment, on average disadvantaged participants achieved a 2.6 grade difference when compared with their schools

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Target schools include any school in which a HEAT member has delivered outreach to learners before they reach KS4. The school averages relate to the year that participants in the school sat their exams. Percentages based on populations of <22.5 have been suppressed.