

TUDOR GRANGE ACADEMY REDDITCH

Class of 2019 Contextual Negative Outliers

2019 GCSE Outcome [including contextual Negative Outliers]

Context:

	Total	Boys	Girls	PP	NPP
Year 11	61	31	30	22	39
SEND	10	6	4	8	2
HPA	7	3	4	1	6
MPA	38	20	18	13	25
LPA	13	7	6	8	5

Further analysis has guided us to data that is more meaningful for school improvement purposes. We have identified 8 outliers who create a totally disproportionate effect relative to the performance of the cohort as a whole. We have provided robust case studies that evidences that the student should be treated as an outlier as a result of mitigating circumstances, the following conditions have applied:

- The student did not attend the school for more than one academic year (alternative provision)
- There is extensive evidence of exceptional circumstances that affected the student's ability to access schooling.
- The student was a school refuser or attendance falls below 80%
- The student found school very difficult to engage with; various chronic mental health or family difficulties took their toll.

After removing the outliers identified above the revised context for the year group is:

	Total	Boys	Girls	PP	NPP
Year 11	53	28	25	16	37
SEND	6	4	2	4	2
HPA	7	3	4	1	6
MPA	33	18	15	10	23
LPA	10	6	4	5	5

Analysis:

The above 'outliers' have been removed which allows us to conduct an analysis of performance indicators that is more robust and considered a true impact of quality teaching in the classroom. The following indicators have been re-calculated and analysed:

- Progress 8
- Attainment 8
- Progress 8 by basket
- Attainment in English and mathematics

This has been additionally been broken into key groups in order to analyse the impact of these outliers on key groups.

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	HEADLINES - Year 11 Results 2019 [Minus outliers]											
	Whole cohort		Male		Female		High PA		Middle PA		Low PA	
	All	Minus	All	Minus	All	Minus	All	Minus	All	Minus	All	Minus
Attainment 8	34.11	37.59	31.56	33.46	36.76	42.22	51.43	51.43	35.98	39.15	17.15	20.98
Progress 8	-0.33	-0.03	-0.52	-0.32	-0.15	0.31	-0.55	-0.55	-0.27	0.08	-0.42	-0.01
Progress 8 English basket, 2019	-0.42	-0.16	-0.60	-0.44	-0.22	0.17	-0.80	-0.80	-0.36	-0.09	-0.38	0.06
Progress 8 Maths basket, 2019	0.02	0.30	0.00	0.12	0.04	0.50	0.32	0.32	0.06	0.38	-0.26	-0.01
Progress 8 EBacc basket, 2019	-0.39	-0.08	-0.49	-0.28	-0.28	0.16	-0.47	-0.47	-0.30	0.07	-0.60	-0.28
Progress 8 Open basket, 2019	-0.48	-0.11	-0.83	-0.58	-0.10	0.43	-1.06	-1.06	-0.41	-0.01	-0.38	0.20
% achieving 'standard pass' in English & maths	39.34	45.28	32.26	35.71	46.67	56.00	71.43	71.43	42.11	48.48	7.69	10.00
% achieving 'standard pass' in English	52.46	58.49	48.39	50.00	56.67	68.00	85.71	85.71	57.89	63.64	15.38	20.00
% achieving 'standard pass' in mathematics	47.54	54.72	45.16	50.00	50	60.00	85.71	85.71	52.63	60.61	7.69	10.00

	NEED & DEPRIVATION - Year 11 Results 2019 [Minus outliers]							
	Pupil Premium		Non Pupil Premium		SEND		Non SEND	
	All	Minus	All	Minus	All	Minus	All	Minus
Attainment 8	22.92	28.23	40.43	41.64	16.68	19.38	37.53	39.92
Progress 8	-1.09	-0.57	0.12	0.22	-1.36	-0.82	-0.13	0.08
Progress 8 English basket, 2019	-1.06	-0.57	-0.02	0.04	-0.89	-0.31	-0.32	-0.14
Progress 8 Maths basket, 2019	-0.74	-0.38	0.48	0.61	-1.15	-1.00	0.26	0.47
Progress 8 EBacc basket, 2019	-1.09	-0.58	0.04	0.16	-1.49	-1.01	-0.16	0.05
Progress 8 Open basket, 2019	-1.34	-0.67	0.04	0.15	-1.68	-0.84	-0.23	-0.01
% achieving 'standard pass' in English & maths	9.09	12.50	56.41	59.46	0	0	47.06	51.06
% achieving 'standard pass' in English	27.27	31.25	66.67	70.27	20	16.67	58.82	63.83
% achieving 'standard pass' in mathematics	18.18	25.00	64.10	67.57	0	0	56.86	61.70