



THOMAS MILLS HIGH SCHOOL

EXAMINATION RESULTS 2018

Year 11 Results

Number of pupils											
Grade	9	8	7	6	5	4	3	2	1	U	Total
English Language	9	14	18	32	44	21	24	8	0	1	171
English Literature	8	17	23	28	35	19	19	15	6	1	171
Mathematics	5	15	13	24	30	46	19	13	6	0	171

Percentage of pupils													
Grade	9	8	7	6	5	4	3	2	1	U	7+	5+	4+
English Language	5.3	8.2	10.5	18.7	25.7	12.3	14	4.7	0	0.6	24.0	68.4	80.7
English Literature	4.7	9.9	13.5	16.4	20.5	11.1	11.1	8.8	3.5	0.6	28.1	65.0	76.1
Mathematics	2.9	8.8	7.6	14	17.5	26.9	11.1	7.6	3.5	0	19.3	50.8	77.7

	TMHS 2015	TMHS 2016	TMHS 2017	TMHS 2018
% Pupils with 4+ in E & M			74	75
% Pupils with 5+ in E & M			54	46
% Pupils with 7+ in E & M			20	19
% Pupils with 5 A*-C (4+)	84	78	81	78
% Pupils with 5 A*-C inc. E&M(4+)	72	67	72	73
% Pupils with 5 A*-C inc. E&M(5+)			54	47
% EBacc (C+ and 4+)	45	38	41	32
% Pupils with 1 MFL at 4+	59	54	54	47
% Pupils with 2+ Science at 4+	86	70	70	70
Attainment 8	5.82 (B-)	5.43 (C+)	52.1	<i>51.7(C+)*</i>
Progress 8		+0.24	+0.05	<i>+0.35*</i>

*Points value for each GCSE has altered and therefore figures cannot be directly compared to previous years

+ Estimated calculation based upon 2017 formula. Some alteration is inevitable but is similar to national sampling

Disadvantaged Pupils

20 Pupils	4+ E&M	5+ E&M	7+ E&M	5 C+/4+	5 Incl. E&M (4+)	5 Incl. E&M (5+)	EBacc (4+)	EBacc (5+)	1 MFL 4+	2+ Sci 4+	Attain. 8
No.	13	6	2	8	12	6	3	3	8	9	42.45
%	65	30	10	40	60	30	15	15	40	45	(C)

All GCSE Subjects

	Number of Pupils										Entries
	9	8	7	6	5	4	3	2	1	U	
Art	4	3	11	9	14	13	4	6	2	0	66
Biology	4	7	17	24	36	15	15	1	0	0	119
Chemistry	3	3	16	22	23	32	16	3	1	0	119
Combined Science	0	0	0	1	13	11	24	3	0	0	52
Drama	0	3	5	8	5	5	13	6	1	0	46
English Literature	8	17	23	28	35	19	19	15	6	1	171
English Language	9	14	18	32	44	21	24	8	0	1	171
Food & Nutrition	2	5	5	4	4	4	13	3	1	0	41
French	6	5	2	7	10	8	20	18	7	0	83
Geography	7	4	14	16	8	8	8	6	1	0	72
German	4	5	3	7	16	15	21	13	8	0	92
History	7	9	9	6	13	9	7	6	2	3	71
Latin	0	3	1	3	0	1	3	2	1	1	15
Maths	5	15	13	24	30	46	19	13	6	0	171
Music	3	4	3	1	3	3	3	0	0	0	20
PE	0	0	8	9	10	10	22	4	0	0	63
Physics	4	7	16	20	28	26	15	2	1	0	119
RS	6	3	5	9	4	6	3	1	0	0	37
Spanish	4	2	0	0	1	3	3	3	2	0	18

	Percentage of Pupils											9 to 7	9 to 5	9 to 4
	9	8	7	6	5	4	3	2	1	U				
Art	6.1	4.5	16.7	13.6	21.2	19.7	6.1	9.1	3.0	0.0	27.3	62.1	81.8	
Biology	3.4	5.9	14.3	20.2	30.3	12.6	12.6	0.8	0.0	0.0	23.6	74.1	86.7	
Chemistry	2.5	2.5	13.4	18.5	19.3	26.9	13.4	2.5	0.8	0.0	18.4	56.2	83.1	
Combined Science	0.0	0.0	0.0	1.9	25.0	21.2	46.2	5.8	0.0	0.0	0.0	26.9	48.1	
Drama	0.0	6.5	10.9	17.4	10.9	10.9	28.3	13.0	2.2	0.0	17.4	45.7	56.6	
English Literature	4.7	9.9	13.5	16.4	20.5	11.1	11.1	8.8	3.5	0.6	28.1	65.0	76.1	
English Language	5.3	8.2	10.5	18.7	25.7	12.3	14.0	4.7	0.0	0.6	24.0	68.4	80.7	
Food & Nutrition	4.9	12.2	12.2	9.8	9.8	9.8	31.7	7.3	2.4	0.0	29.3	48.9	58.7	
French	7.2	6.0	2.4	8.4	12.0	9.6	24.1	21.7	8.4	0.0	15.6	36.0	45.6	
Geography	9.7	5.6	19.4	22.2	11.1	11.1	11.1	8.3	1.4	0.0	34.7	68.0	79.1	
German	4.3	5.4	3.3	7.6	17.4	16.3	22.8	14.1	8.7	0.0	13.0	38.0	54.3	
History	9.9	12.7	12.7	8.5	18.3	12.7	9.9	8.5	2.8	4.2	35.3	62.1	74.8	
Latin	0.0	20.0	6.7	20.0	0.0	6.7	20.0	13.3	6.7	6.7	26.7	46.7	53.4	
Maths	2.9	8.8	7.6	14.0	17.5	26.9	11.1	7.6	3.5	0.0	19.3	50.8	77.7	
Music	15.0	20.0	15.0	5.0	15.0	15.0	15.0	0.0	0.0	0.0	50.0	70.0	85.0	
PE	0.0	0.0	12.7	14.3	15.9	15.9	34.9	6.3	0.0	0.0	12.7	42.9	58.8	
Physics	3.4	5.9	13.4	16.8	23.5	21.8	12.6	1.7	0.8	0.0	22.7	63.0	84.8	
RS	16.2	8.1	13.5	24.3	10.8	16.2	8.1	2.7	0.0	0.0	37.8	72.9	89.1	
Spanish	22.2	11.1	0.0	0.0	5.6	16.7	16.7	16.7	11.1	0.0	33.3	38.9	55.6	

	Number of Pupils									
	A*	A	B	C	D	E	F	G	U	Entries
Business	0	6	18	20	12	9	7	6	0	78
Further Maths	6	0	0	0	0	0	0	0	0	6
ICT	4	13	12	3	0	3	2	1	1	39
Media Studies	0	6	7	13	11	9	3	0	0	49
RM	2	3	7	9	12	8	1	3	0	45
Textiles	0	0	6	2	4	0	1	0	0	13

	Number of Pupils											
	A*	A	B	C	D	E	F	G	U	A* - A	A* - B	A* - C
Business	0	7.7	23.1	25.6	15.4	11.5	9	7.7	0	7.7	30.8	56.4
Further Maths	100	0	0	0	0	0	0	0	0	100.0	100.0	100.0
ICT	10.3	33.3	30.8	7.7	0	7.7	5.1	2.6	2.6	43.6	74.4	82.1
Media Studies	0	12.2	14.3	26.5	22.4	18.4	6.1	0	0	12.2	26.5	53.0
RM	4.4	6.7	15.6	20	26.7	17.8	2.2	6.7	0	11.1	26.7	46.7
Textiles	0	0	46.2	15.4	30.8	0	7.7	0	0	0.0	46.2	61.6

Sixth Form Results

Lower Sixth

Subject	Entries	A	B	C	D	E	U	X	A*/A	A*/B	A*-C	A*-E
Art & Design	23	8	4	7	3	1	0	0	34.8	52.2	82.6	100.0
Biology	27	3	5	4	3	4	8	0	11.1	29.6	44.4	70.4
Business	16	2	2	3	2	2	4	1	12.5	25.0	43.8	68.8
Chemistry	33	1	5	7	6	10	4	0	3.03	18.2	39.4	87.9
Classical Civilisation	16	5	6	3	1	1	0	0	31.3	68.8	87.5	100.0
Computer Science	10	0	0	2	1	4	3	0	0	0.0	20.0	70.0
Drama	3	2	1	0	0	0	0	0	66.7	100.0	100.0	100.0
D&T Product Design	18	0	0	8	4	4	2	0	0	0.0	44.4	88.9
Economics	16	2	5	2	2	1	4	0	12.5	43.8	56.3	75.0
English Language	17	4	3	1	5	3	1	0	23.5	41.2	47.1	94.1
English Literature	34	9	10	8	4	2	0	1	26.5	55.9	79.4	97.1
French	6	2	1	1	1	1	0	0	33.3	50.0	66.7	100.0
Geography	25	8	4	6	7	0	0	0	32	48.0	72.0	100.0
German	5	1	0	2	2	0	0	0	20	20.0	60.0	100.0
History	30	14	4	5	4	1	2	0	46.7	60.0	76.7	93.3
Dutch	1	1	0	0	0	0	0	0	100	100.0	100.0	100.0
Mathematics	36	6	4	4	5	6	11	0	16.7	27.8	38.9	69.4
Music	3	0	2	1	0	0	0	0	0	66.7	100.0	100.0
Physics	22	3	0	0	6	5	8	0	13.6	13.6	13.6	63.6
Photography	15	1	4	8	1	1	0	0	6.67	33.3	86.7	100.0
Politics	15	3	5	2	2	0	2	1	20	53.3	66.7	80.0
Psychology	57	1	9	3	7	12	25	0	1.75	17.5	22.8	56.1
Religious Studies	25	3	4	6	3	3	6	0	12	28.0	52.0	76.0
Sport/PE Studies	11	2	1	2	1	3	2	0	18.2	27.3	45.5	81.8
2018 AS results	464	81	79	85	70	64	82	3	17.5	34.5	52.8	81.7
2017 AS results	527	65	88	94	98	79	103		12.3	29	46.9	80.5
2016 AS results	559	123	116	86	84	65	83		20.8	42.8	58.1	84.8

Upper Sixth

Subject	Entries	A*	A	B	C	D	E	U	X	A*/A	A*/B	A*-C	A*-E
Art & Design	13	1	2	2	5	3	0	0	0	23.1	38.5	76.9	100.0
Biology	25	3	3	3	7	4	4	1	0	24	36.0	64.0	96.0
Business	20	0	1	8	6	3	1	0	1	5	45.0	75.0	95.0
Chemistry	31	4	5	6	4	6	5	1	0	29	48.4	61.3	96.8
Classical Civilisation	8	0	3	2	2	1	0	0	0	37.5	62.5	87.5	100.0
Drama	4	0	1	2	1	0	0	0	0	25	75.0	100.0	100.0
D&T Product Design	5	0	0	0	2	2	0	1	0	0	0.0	40.0	80.0
Economics	14	0	1	6	4	2	1	0	0	7.14	50.0	78.6	100.0
English Language	13	0	2	4	5	2	0	0	0	15.4	46.2	84.6	100.0
English Literature	29	0	2	12	8	5	1	1	0	6.9	48.3	75.9	96.6
French	3	0	1	1	0	0	1	0	0	33.3	66.7	66.7	100.0
General Studies	9	0	4	1	1	1	1	1	0	44.4	55.6	66.7	88.9
Geography	18	3	0	6	4	2	2	1	0	16.7	50.0	72.2	94.4
German	2	0	1	1	0	0	0	0	0	50	100.0	100.0	100.0
Health & Social Care	7	0	0	2	4	1	0	0	0	0	28.6	85.7	100.0
History	18	0	5	6	3	2	1	0	1	27.8	61.1	77.8	94.4
Information Technology	5	0	0	0	2	2	1	0	0	0	0.0	40.0	100.0
Mathematics	34	5	10	5	7	3	4	0	0	44.1	58.8	79.4	100.0
Mathematics Further	5	2	2	0	1	0	0	0	0	80	80.0	100.0	100.0
Music	6	0	0	4	2	0	0	0	0	0	66.7	100.0	100.0
Physics	25	1	4	4	6	4	3	2	1	20	36.0	60.0	88.0
Photography	13	0	0	3	6	4	0	0	0	0	23.1	69.2	100.0
Politics	5	0	1	3	1	0	0	0	0	20	80.0	100.0	100.0
Psychology	26	0	2	5	6	8	4	1	0	7.69	26.9	50.0	96.2
Religious Studies	3	0	1	1	0	1	0	0	0	33.3	66.7	66.7	100.0
Sport/PE Studies	8	0	0	1	4	1	1	1	0	0	12.5	62.5	87.5
	349	19	51	88	91	57	30	10	3	20.1	45.3	71.3	96.3

Overall A Level scores over the last 4 years (%of total):

Year	A*-A	A*-B	A*-C	A*-E
2018	20.1	45.3	71.3	96.3
2017	25.2	55.3	78.6	98.6
2016	16.9	49.3	73.0	97.5
2015	21.4	47.5	73.3	97.3

Differences between AS level and A level:

Subject	Entries	A*	A	B	C	D	E	U	X	AS-A Level
Art & Design	13	1	2	2	5	3	0	0	0	1.23
Biology	25	3	3	3	7	4	4	1	0	0.16
Business	20	0	1	8	6	3	1	0	1	0.74
Chemistry	31	4	5	6	4	6	5	1	0	0.73
Classical Civilisation	8	0	3	2	2	1	0	0	0	0
Drama	4	0	1	2	1	0	0	0	0	0.5
D&T Product Design	5	0	0	0	2	2	0	1	0	0.4
Economics	14	0	1	6	4	2	1	0	0	1.36
English Language	13	0	2	4	5	2	0	0	0	0.46
English Literature	29	0	2	12	8	5	1	1	0	-0.3
French	3	0	1	1	0	0	1	0	0	0
General Studies	9	0	4	1	1	1	1	1	0	-0.2
Geography	18	3	0	6	4	2	2	1	0	0.67
German	2	0	1	1	0	0	0	0	0	1.5
Health & Social Care	7	0	0	2	4	1	0	0	0	0
History	18	0	5	6	3	2	1	0	1	-0.1
Information Technology	5	0	0	0	2	2	1	0	0	0.4
Mathematics	34	5	10	5	7	3	4	0	0	0.38
Mathematics Further	5	2	2	0	1	0	0	0	0	0.6
Music	6	0	0	4	2	0	0	0	0	0.5
Physics	25	1	4	4	6	4	3	2	1	0.25
Photography	13	0	0	3	6	4	0	0	0	0.54
Politics	5	0	1	3	1	0	0	0	0	-0.2
Psychology	26	0	2	5	6	8	4	1	0	0.16
Religious Studies	3	0	1	1	0	1	0	0	0	0
Sport/PE Studies	8	0	0	1	4	1	1	1	0	0.43
	349	19	51	88	91	57	30	10	3	1.14

By identifying AS grades and comparing A level achievement. For each grade improved on AS grade a score of 1 was given: eg if a student achieved a grade C in Geography AS but achieved an A grade at A level they would score +2. If a grade went down from a grade C at AS level to a D at A level, a score of -1 would be entered. On average, a Most departments overall results went up. The overall individual score was 1.14 (all student on the whole improved their overall score from AS to A level).

The overall number of students who improved their AS-A level score by +3 or more was 25. In contrast 5 students dropped by -3 or more. Therefore 87 students were within +2 to -2 of their AS level score (47 students went up by +1 or +2; 23 students maintained their score; 13 went down by -1 or -2).

For all students who came into the VI form with an average GCSE score of C or greater.

	Average GCSE score of >40: total points per student	Average GCSE score of >40: average points per student	Average GCSE score of <40 : total points per student	Average GCSE of <40 : average points per student
UCAS points	119	35.0	64	24.5
Performance Points	115.5	34.1	57.7	21.9

In terms of UCAS points: 120 is equivalent to 3 grade B's.

For the 13 students <40 (equivalent to GCSE average of a C grade: 4 students gained 3 A Levels; 8 gained 2 and 1 gained 1 A Level.

Destination of those with average GCSE score of a C equivalent	Number
Going on to study a first degree	4
Art Foundation degree	3
In direct employment	4
In further training / education	2

For all students who came into the VI form with an average GCSE score of 51 or higher (52 = A).

	Average GCSE score of >51: total points per student	Average score of >51: average points per student
UCAS points	157	45
Performance Points	159	46

Of the 28 students:

Destination of those with average GCSE score of an A equivalent	Number
Going on to study a first degree	23
Art Foundation degree	1
In direct employment	2
Gap Year	2

Of the cohort, 11 students gained A* or A in every subject.

34 students gained at least 1 A grade.

A Level Results 2013 -2018

Average points of All A Level

Year	Ave GCSE Score	Number of A Level pts	Difference
2013	47.5	790.2	-64.8
2014	47.9	812.8	+22.6
2015	46.6	815.0	+2.8
2016	46.8	820	+5.0
2017	47.5	843.7	+23.3
2018	47.0	100.79*	

Qualifications have been changed in their calculation from 2017 where A*=60; A=50; B=40; C=30; D=20; E=10
The averages for both sets of data equate to a grade C under both systems.

Year	Average number of A levels taken
2013	3.60
2014	3.80
2015	3.70
2016	3.90
2017*	3.30
2018*	3.32

In 2017 and 2018 General Studies became an 'opt in' subject given the fact that the subject was not being reformed.

Breakdown of the UVI by gender and 11-16 school

	Number	Ave GCSE Points	Total A-Level UCAS Points	Total A-Level Performance Points	Mean A-Level UCAS Points	Mean A-Level Performance Points	Total UCAS Points	Total Performance Points
Total	117	47	101	97.3	33.5	32.2	113	109
Female	59	47.3	99.8	96.1	33.7	32.4	111	108
Male	58	46.7	102	98.4	33.3	32.1	114	110
TMHS all	80	46.6	103	99.4	34	32.7	110	107
Female	42	47	99.6	96.2	33.8	32.5	110	107
Male	38	46.2	106	103	34.2	33	117	114
Debenham all	15	51	129	131	41.4	41.8	157	156
Female	6	51	127	128	42.2	42.8	155	152
Male	9	51	131	132	40.9	41.2	159	158
All other	22	45.5	74.2	66.8	26.4	23.9	80.7	72.8
Female	11	46.3	85.8	78.2	28.7	26.2	93.5	86
Male	11	44.6	62.5	55.5	24	21.7	68	59.5
Bursary students	6	49.7	103	98.3	32	30.6	113	109

Points are as follows:

Grades	Tech L3	UCAS points	Performance Points
A*	D*	56	60
A	D	48	50
B		40	40
C	M	32	30
D		24	20
E	P	16	10

Average points per A level Entry

Year	Ave GCSE Score	Ave A Level pts	Difference
2013	47.5	216.1	-5.1
2014	47.9	211.9	-4.2
2015	46.6	215.9	+4.0
2016	46.8	214.7	-1.2
2017	47.5	218.73	+4.03
2018	47	32.2*	

Under the old system: A*=300; A=270; B=240; C=210; D=180; E=150. Under both systems, both grades are C

Gender Comparisons of A Level candidates

Year	Ave A Level pts	Ave GCSE pts	Male		Female	
			Ave A Level pts	Ave GCSE pts	Ave A Level pts	Ave GCSE pts
2013	790.2	47.5	715.3	46.5	848.7	48.5
2014	812.8	47.9	833.8	47.7	792.0	47.9
2015	815.0	46.6	776.6	45.9	851.7	47.3
2016	820.0	46.8	815.7	46.8	823.1	47.0
2017	843.7	47.5	814.5	47.3	867.3	47.6
2018	156	47.0	110	46.7	108	47.4

Attainment v Target grades

Target grade	Number of students	Achieved or mostly achieved	Female	Male	Not achieved	Female	Male
A*	5	5	3	2	0	0	0
A	16	8	4	4	8	4	4
B	40	21	10	11	19	10	9
C	41	24	16	8	17	6	11
D	12	10	5	5	2	0	2
E	3	3	0	3	0	0	0

Targets are just that, a target. They are meant to be aspirational but with a good level of realism.

A target is generated based on prior achievement at GCSE. These are generic. Where a student had a target of B's across subjects, and the student achieved A, B and C, this student has met the target. If the student attained BBC I adjudged that they have mostly achieved their target.

Conclusion

- Overall outcomes were not as high as the previous year but broadly in line with other years. The cohort had a lower average GCSE score than in previous years. (This was the fourth cohort of three year KS4). Outcomes were broadly in line with other years.
- Significant A-C percentage variations exist between subjects.
- Since General Studies was announced as a subject not to be reformed as an A Level, it was made an 'opt in' option within the Sixth Form since 2017. Although there is data regarding General Studies, it is not as big an issue as in previous years. A small number only took the subject (9).
- In 2017, performance at AS level in the LVI impacted on A2 outcomes more so when the qualification was unreformed (0.21). Reformed A Levels showed there was little discernible difference between AS and A Level at 0.09).
- In 2018, there was a positive figure to conclude that overall, students had improved on their AS level performance.
- The percentage of A*/B grades was higher last year and pushed through the 50% barrier for the first year in 6. This year's results are more symptomatic of the year group. 13 Students had an average GCSE score of less than 40.0 (C) (2017 14, 2016 15).
- There does not seem to be as great a gender gap in this cohort in output by A level points score.
- For students joining from other 11-16 providers, there is great contrast in their performance. For those joining from Debenham high School, they added significantly to attainment. For those joining from elsewhere the progress and attainment was altogether more sketchy.
- In terms of those achieving their ALPS target grades overall, a breakdown showed there was not a huge significance between male and female. What was noticeable was the number of males not achieving their C grade target. In all other areas the data was inconclusive.
- 39% of all UVI students achieved places at Russell Group or 1994 Group Universities (2017 38%).
- All those who wanted a University place gained one. Four students went on to take up their course in medicine, one for veterinary medicine and one student went up to Cambridge University. 71.5% (83 people) of the year group went on to take up a place at Higher or Further Education institutions across the UK. The remainder of the year group have either started apprenticeships (9%) or are in employment. A small number are re-evaluating their options and applying to UCAS for 2019 or are on a gap year.

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