

SBC/ET
May 2017

MATHEMATICS DEPARTMENT

Staff

There are currently 11 members of staff teaching in the Mathematics department, 8 full time teachers, 3 part time teachers, including a Head of Department, a Second in department and a Deputy Head Teacher.

The Curriculum Structure

Pupils are set on entry to the school based on their results at KS2. In Year 7 the pupils are split into four bands with three sets in each, in Year 8 and 9 the pupils are split into two half year groups and each half year group is set across five sets. Regular movement between sets occurs after frequent internal assessment.

In Years 10 and 11 pupils are placed into two bands in consultation with the English, Science and RE departments. Band A typically contains 180 pupils and band B 50 pupils. The pupils are set within these bands into 7 sets in band A and 3 sets in band B.

In Year 12 and Year 13 pupil numbers have steadily increased over previous years and currently in Year 12, 48 students study AS Mathematics and 7 students study AS Further Mathematics.

Pupils currently in Year 11 follow the linear GCSE Mathematics syllabus with Edexcel. Sets 1 – 5 are entered at the higher tier and the remaining pupils entered at the foundation tier. All pupils sit three exams at the end of Year 11.

Students at AS and A level follow the AQA syllabus. All students in Year 12 sit Core 1, Core 2 and Statistics 1 modules and in Year 13 Core 3, Core 4 and Mechanics 1 modules.

Accommodation

There are six Mathematics classrooms. Each has a digital projector and most have interactive white boards. In addition there is one sixth form teaching room situated in the sixth form block. We also have a staff work area for marking and preparation. All classrooms have wireless network coverage and network access.

Examinations Results

GCSE	Percentage achieving grades									
	A*	A	B	C	D	E	F	G	U	X
2011	9.62	16.35	24.52	26.92	15.38	5.29	1.92			
2012	10.60	22.12	25.81	28.11	5.53	4.15	2.76	0.92		
2013	9.91	18.53	18.53	32.76	12.50	4.74	2.16	0.43		
2014	10.27	13.84	27.23	27.23	10.71	4.91	4.02	0.45	1.34	
2015	12.10	16.10	21.90	25.40	16.50	5.40	0.90	1.30	0.40	
2016	4.98	14.93	20.81	40.72	9.50	4.52	2.71	1.36	0.45	

A LEVEL	Percentage achieving grades						
	A*	A	B	C	D	E	U
2011	15.62	37.50	25.00	12.50	6.25		3.13
2012	31.03	24.14	20.69	13.79	6.90	3.45	
2013	38.46	23.08	11.54	15.38	7.69	3.85	
2014	32.43	27.03	8.11	16.22	8.11	2.70	5.41
2015	29.60	18.50	14.80	11.10	18.50	7.40	
2016	26.09	30.43	26.09	4.35	4.35	8.70	

FURTHER MATHS	Percentage achieving grades					
	A*	A	B	C	D	E
2011	40.00	20.00	40.00			
2012	33.33	33.33	33.33			
2013	16.67	66.67	16.67			
2014	12.50	50.00	25.00	12.50		
2015	16.70	33.30	50.00			
2016	33.33		33.33	16.67		