

The Mathematics Department at Heart of England School is successful and forward-looking. Students' results are consistently above the national average.

The department is managed by a Curriculum Leader and three Development Leaders managing KS3 and KS4. The team consists of ten teachers, two being part-time, who work collaboratively to fully engage the students' learning of Mathematics and maintain the high expectations of behaviour. All Key Stage 3, 4 and 5 lessons are taught in the modern, purpose-built Hampton building.

Quality teaching and good relationships are the priorities of the department. Our established, yet evolving, schemes of work and resources support this together with systematic assessments and regular, open communication between all parties.

Students are taught in ability sets through school. Key Stage 2 results are predominantly used to determine sets in Year 7. Set movement is ongoing through school, though less so in Key Stage 4.

KS4 follow the AQA specification over two years. There is also enrichment provided in the form of the Junior, Intermediate and Senior UK Maths Challenges. The next challenge for the department is to improve student performance even further within the ever changing demands of exam boards and government policies.

KS5 students follow the AQA syllabus for both Mathematics and Further Mathematics. The possibility of offering additional level-3 qualifications in the future is currently under investigation. The department has seen a marked improvement in A-level results, especially over the last 2 years.

HISTORIC RESULTS

Key Stage 5

Pure Mathematics			
Year	Pass-rate	Y13	Y12
2017	A*-B	88%	40%
	A*-E	100%	92%
2016	A*-B	77%	56%
	A*-E	100%	85%
2015	A*-B	46%	22%
	A*-E	92%	59%

Further Mathematics		
Year	Pass-rate	Y13
2017	A*-B	33%
	A*-E	100%
2016	A*-B	100%
	A*-E	100%
2015	A*-B	50%
	A*-E	100%

Key Stage 4

Year 11

Mathematics				
	9-7	9-4	A*-A	A*-C
2017	24%	72%		
2016			23%	74%
2015			18%	73%