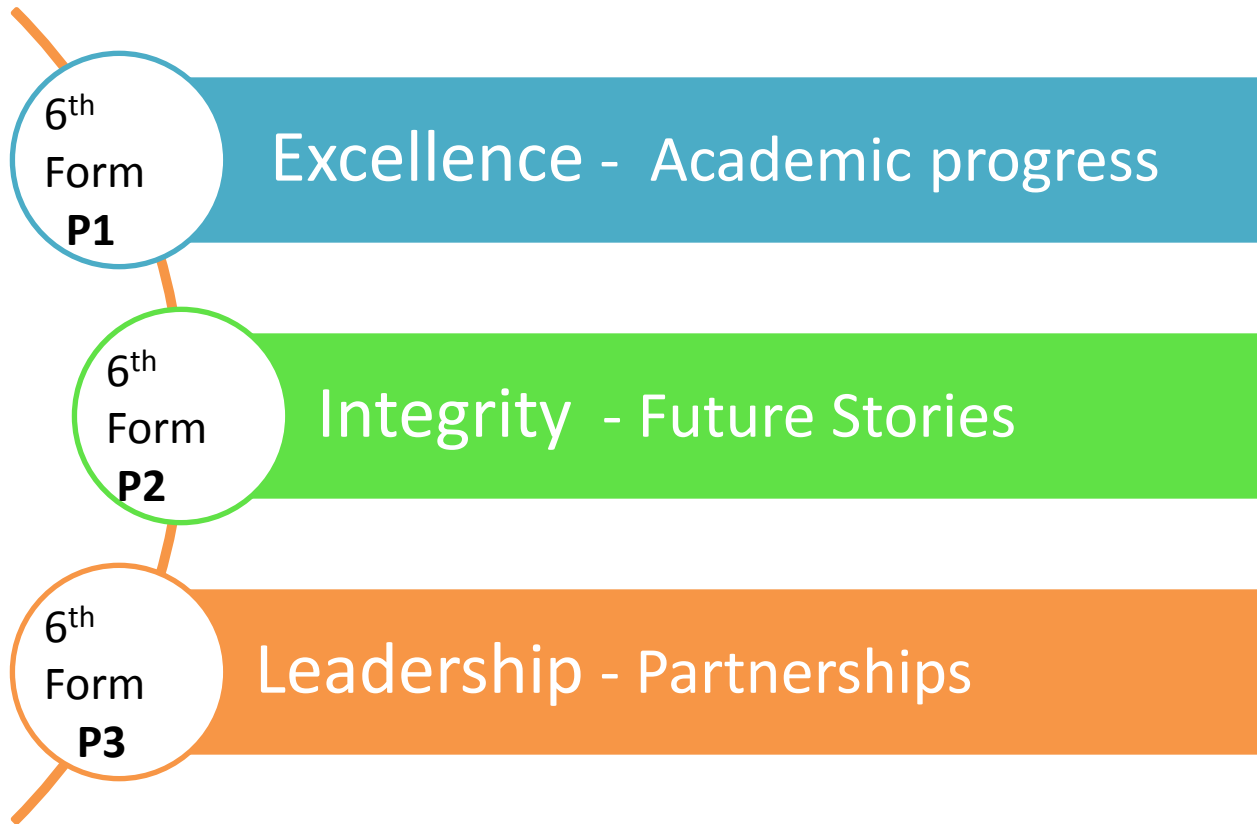




**Sixth Form Opening Evening
1 December 2016**

Reading School





Why Study at Reading School?

1. Character

2. Community

3. Aspiration

Which Subjects should I
choose?

1. What do you enjoy?

Statistics suggest that by the age of 38 you, today's students, are likely to have had an average of 12 jobs, many of which don't yet exist...

2. What do you need?

University entry requirements can be very particular. Seek careers advice now!

3. What facilitating subjects keep your options open?

Maths, English, Geography, Languages, Sciences. For more details see:

[\(http://www.russellgroup.ac.uk/for-students/school-and-college-in-the-uk/subject-choices-at-school-and-college/\)](http://www.russellgroup.ac.uk/for-students/school-and-college-in-the-uk/subject-choices-at-school-and-college/)

4. What makes you attractive?

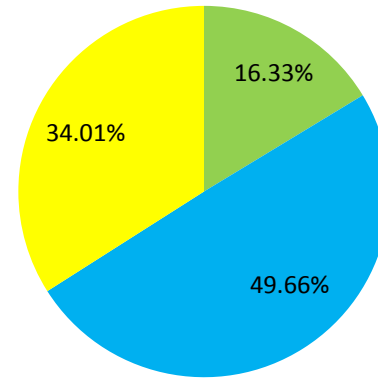
Soft skills that can be developed through Theatre Studies, Music, History or English for example, may well give you a better UCAS statement, help you to interact with empathy and interview with confidence.

Block A	Block B	Block C	Block D
Economics	Biology	Art	Biology
Geography	Chemistry	Chemistry	Classics – Classical Studies^
Mathematics	Classics – Latin	English Literature	Economics
Maths & AS Further Maths*^	Computer Science	Geography	English Literature
Maths & AS Further Maths*^	Economics	German	French
Extended Project – AS	History	Physics	Further Maths^
(No Choice)	Mathematics^	Spanish	History
	Music	(No Choice)	Physics
	Theatre Studies		Extended Project - AS

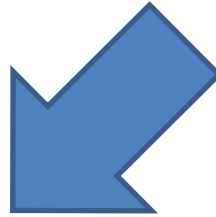
	A*	A	B	C	Entry	% A*	% A*&A	% A*-B	%A*-C
Art	2	5	0	0	7	28.6%	100.0%	100.0%	100.00%
Biology	17	17	13	7	55	30.9%	61.8%	85.5%	98.18%
Chemistry	15	38	12	5	77	19.5%	68.8%	84.4%	90.91%
Classical Civilisation	2	5	1	0	8	25.0%	87.5%	100.0%	100.00%
Computing	2	4	4	1	11	18.2%	54.5%	90.9%	100.00%
Economics	13	28	6	1	48	27.1%	85.4%	97.9%	100.00%
English Lang. & Lit.	2	4	2	0	8	25.0%	75.0%	100.0%	100.00%
English Literature	2	8	4	0	14	14.3%	71.4%	100.0%	100.00%
French	2	2	1	0	5	40.0%	80.0%	100.0%	100.00%
Further Mathematics	22	14	3	5	45	48.9%	80.0%	86.7%	97.78%
Geography	0	14	7	2	23	0.0%	60.9%	91.3%	100.00%
German	2	3	3	1	9	22.2%	55.6%	88.9%	100.00%
History	7	11	4	0	22	31.8%	81.8%	100.0%	100.00%
Latin	3	1	1	0	5	60.0%	80.0%	100.0%	100.00%
Mathematics	45	58	16	7	130	34.6%	79.2%	91.5%	96.92%
Music	0	2	1	1	4	0.0%	50.0%	75.0%	100.00%
Physics	6	22	12	8	50	12.0%	56.0%	80.0%	96.00%
Theatre Studies	2	1	0	0	3	66.7%	100.0%	100.0%	100.00%
Total	145	237	90	38	526	27.6%	72.6%	89.7%	97.0%

How many A Levels
should I study?

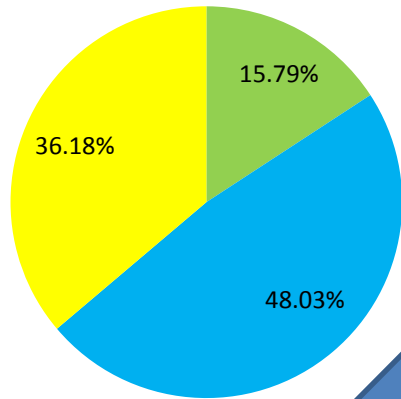
2014 % of candidates achieving



- 5 A Levels
- 4 A Levels
- 3 A Levels



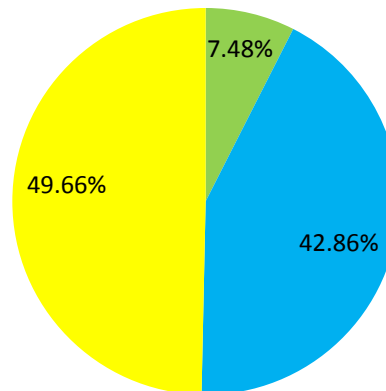
2015 % of candidates achieving



- 5 A Levels
- 4 A Levels
- 3 A Levels



2016 % of candidates achieving



- 5 A Levels
- 4 A Levels
- 3 A Levels

1. Select the number of choices that give you optimum chance of 3 top grades.
2. Select four subjects only if this will not disadvantage your top three grades and a fourth genuinely helps to distinguish you from other candidates.
3. Select the right courses from the start: 'dropping a subject' part way through the course disadvantages your progress.

A Level Mathematics and Further Maths from September 2017

Dr J. Matthews
Head of Mathematics

Changes from September 2017

MATHS

- Although the assessment has changed from modular to linear the vast majority of the content is very similar – although not accredited by OFQUAL yet we will continue to offer the OCR Specification A (more details at www.ocr.org.uk).
- In A level Mathematics pupils will continue to develop an understanding of Methods (e.g. algebra, trigonometry, calculus, vectors) together with an appreciation of how mathematics can be applied in both the fields of Statistics/Probability and Mechanics.
- All examinations will take place at the end of the two year course (three examinations – 2 hours per paper).

FURTHER MATHS

- Builds on topics from A Level Mathematics while introducing more advanced topics (e.g. complex numbers, matrices, hyperbolics, polar coordinates).
- Some optionality (the current model is that all pupils will study a core pure content and then have a 'choice' of two from Mechanics, Statistics, Decision and Additional Pure).
- Four examinations at the end of the course (each of 90 minutes duration).

Is A level Mathematics needed for entry to university degree courses?

- A level Mathematics is essential for many University degree courses including economics, computing and engineering.
- Whilst not essential for all Science degrees, A level Mathematics is highly desirable because strong maths skills are considered crucial for progression in many degree courses at university.
- Any student applying to study a degree in a STEM subject should also consider taking Further Mathematics to at least AS level.

Entry Requirements

Maths

GCSE Level 7 (or a grade A for any candidates who are studying IGCSE).

Further Mathematics

For Mathematics and A Level Further Mathematics in 1 option block a GCSE level 8 or 9 (or grade IGCSE A*) and a mark of at least 80 in the FSMQ (Additional Maths - OCR 6993/01) or an A^ grade in GCSE Further Mathematics.

For Mathematics and AS Level Further Mathematics in one option block a GCSE Level 8 or 9 (or grade IGCSE A*) and either a grade A or B at FSMQ (Additional Maths - OCR 6993/01) or a GCSE grade A in a Further Mathematics.

For Mathematics and Further Mathematics in 2 option blocks a GCSE level 8 or 9 (or grade IGCSE A*) is required. No additional qualification is needed.

Admissions Logistics

Admissions Questions?

Visit Ms Mole or Mrs Cooper in the Refectory.

Boarding Questions?

Visit Mr Nicholas and some Year 12 boarders in the refectory.

Current Reading School Students?

Online Options and application available internally from next week.

Newcomers making external applications?

Application available online on the School website from today.