

# HE+ PROGRAMME



The HE+ programme is aimed at students who have the potential to make competitive applications to Cambridge, Oxford or other prestigious universities. It is a partnership between the University of Cambridge, St John Rigby College and a number of other schools and colleges in Greater Manchester, including Loreto Sixth Form College, Loreto Grammar School, Parr's Wood High School and William Hulme Grammar School.

### Who should follow the HE+ Programme?

To access this elective, you will need to have GCSE grades mostly at A and A\*.

### What activities can you expect to experience?

- Half-termly extension classes in a range of core academic subjects to broaden and deepen your knowledge and understanding of the subject and develop key transferable skills, such as independent learning and research skills. You will be able to choose from:

Biological Sciences  
Chemistry  
Physical Sciences  
Mathematics  
English  
History  
Social Sciences/Humanities

- Workshops led by staff from the University of Cambridge, addressing such topics as university choices, making a competitive application and preparing for interview
- Masterclasses delivered by academics from the University of Cambridge on a variety of topics
- Help in applying for Cambridge and Oxford Summer Schools
- Preparation for university aptitude tests and interviews

### You will develop the following employability skills:

- Engage with new arguments, ideas and perspectives
- Tackle unfamiliar topics and problems

In the classes you will meet students from the other participating schools, have the opportunity to discuss the topics and explore the breadth and depth of your chosen subject more fully. At times you will need to do some additional reading in preparation for the extension classes. Recent examples of topics include: 'More than just stamp collecting: Biology and the scientific method' (Biological Sciences), 'Conformational Analysis: A new way to look at molecules' (Chemistry), 'Cepheid Variables' (Physical Sciences), 'The Maths of Skateboarding' (Mathematics), 'Comparing Filth by Irvine Welsh with Tam O'Shanter by Robert Burns (English), 'What is History? (History), 'Human Rights; Conjoined Twins' (Social Sciences).

### What about Trips and Visits

Scheduled trips for 2016-17:

- A two day visit to the University of Cambridge in March, staying at Murray Edwards College
- A two day visit to the University of Oxford in June, staying at Pembroke College.
- During the visits there will be opportunities to meet with university admissions staff, sample university lectures and supervisions/tutorials in a range of subjects, meet current university students and find out about the application process, aptitude tests and the interview.

### What will this elective lead to after SJR?

If you take part in the programme throughout Year 12 you should feel well prepared and confident to make a strong application to university in Year 13. You will receive further help to prepare for any aptitude test requirements and preparation for any interviews.





St John Rigby College

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