

Subject	Regular and Recent Academic Enrichment Activities
<p>General</p>	<p>Able and committed students are encouraged to complete a range of Open University modules, which are subsidised by the school. These enable students to pursue their academic interests in greater depth, and are also very beneficial with regards to their university applications, since they show admissions tutors that the applicant is independently motivated and able to study a topic at initial degree level.</p> <p>Our Academic Society also meets weekly and aims to develop students' ability to think around challenging issues, including philosophy, religion, and ethics.</p> <p>All Oxbridge applicants benefit from a structured programme of individual support and mentoring, further details of which are in our Gifted & Talented policy.</p>
<p>Art</p>	<p>Our students receive substantial additional support and guidance during lunchtimes and after school, often on a one-to-one basis. In addition, trips abroad, such as the recent joint Languages and Art trip to Barcelona and a New York trip, are arranged for visits to galleries and exhibitions to observe a wealth of art first hand. In addition trips to Degree Shows are arranged every summer to look at Art & Design at the higher level. This is supported by visits of professional artists and designers, providing presentations to 'A' level students. Our students have enjoyed a great deal of success in external competitions and many have had their work chosen for exhibition at local and national galleries, such as the Fylde Gallery and the Heritage Centre in Lytham and the Mall Galleries in London, as well as at local restaurants.</p>
<p>Biology</p>	<p>Our students have been to South Africa for Operation Wallacea, as well as to carried out more local residential fieldwork, for example at Malham. The school's Holdgate Society includes lectures at universities and hospitals, visiting speakers, and the annual Brain Day lecture, which is led by Professor Guy Sutton. Our students also enter the British Biology Olympiad, with the possibility of representing the UK at the international competition in the summer (the national Chairman of the BBO is a member of staff at AKS). In addition, students have taken part in the International Science Seminar, which involves Germany, the Czech Republic, and England.</p>
<p>Business Studies</p>	<p>Our students enter the ICAEW BASE competition, which is a business competition run by ICAEW (Chartered accountants), held at Lancaster University. Through Young Enterprise students can also take the OCR Level 2 or Level 3 Certificate in Young Enterprise qualification.</p>
<p>Chemistry</p>	<p>Our students enter the Royal Society of Chemistry Schools Analyst Competition, and AKS were national winners in 2012 and runners-up in 2011. We also enter the Chemistry Olympiad and take part in the International Science Seminar. There are also visiting speakers and for "Spectroscopy in a suitcase" university chemists come into school and demonstrate spectroscopy techniques with the actual instruments.</p>

Computing	Our students have access to ECDL tutorials and examination courses, as well as 3D modelling software (ProDeskTop), a Robotics Club where students can build and control robots, and directed independent learning of software engineering skills.
Design and Technology	Our students are encouraged to participate in national and regional competitions , such as the Rotary Technology Tournament, Toyota STEM Challenge and Scalextric for schools.
Drama and Theatre Studies	Our students go on numerous theatre visits with post show discussions. We have lectures from guest speakers on current issues within the arts, as well as acting master classes, and practitioner and theatre company workshops . In addition, our students benefit from guest speakers from Royal Central School of Speech and Drama and other leading Drama Schools. Our school productions are NODA award-winning .
Economics	Our students take part in the Target 2.0 Competition , and AKS was the regional winner in 2012. In addition, students benefit from the Economics master class and the Esmee Fairburn lectures at Lancaster University , as well as enter The Royal Economics Society essay competition .
English Language and Literature	Our students take part in the Linguistics Olympiad, public speaking, regional debating, 'Senior Schools Challenge' quiz teams and our annual Headmaster's Debate . We also enter students for the Lancaster University Year 12 Writing Award and, together with MFL and Classics, we run our own exclusive Sixth Form essay prize competition , awarded by Dr Moseley of Cambridge University. In addition students benefit from author visits , most recently Mary Hooper and Andy Robb, lecture days , and regular theatre visits . And we have a Scrabble Club .
Geography & Geology	Our students are encouraged to join the Geographical Association and attend both regional and national lectures . In addition, we benefit regularly from the school's own Almond Lodge in the Lake District, as a base for study and field work. A fieldtrip to Iceland is organised for Easter 2013.
History	Each year students have the opportunity to visit Auschwitz with the Holocaust Educational Trust. The department also provides an extensive library of additional reading and has a strong track record of supporting successful Oxbridge applicants.
Latin	Our students are encouraged to attend the numerous Summer Schools available in Classical Subjects (Latin, Greek and Classical Civilisation courses). Information about archaeological digs and the like is provided if requested and students are encouraged to enter the various Oxbridge essay competitions and Burgess Hill Golden Sponge Stick competition. All Classicists are also recommended to take part in the Linguistics Olympiad , and various study days and lectures on set texts are given. Classics trips abroad take place regularly and there is, again, a visit to Italy in 2013.
Mathematics	Students take part in the Individual Senior Maths Challenge : a 1 hour paper based on challenging mathematical problems and puzzles. Students who perform particularly well are invited to take part in the British

	<p>Mathematical Olympiad. In addition, the Senior Maths Team Challenge regional round takes place each November at Lancaster University and lasts for around two and a half hours. Four students from the sixth form are chosen to represent the school, and the winning team is then invited to the National Final in February. There are also lectures at local universities - this year students went to a lecture on the subject of "Mathematics and Music" based at Liverpool University – as well as Headstart Courses for students considering studying a mathematically related subject at university. One of our current sixth form students has been allocated a Mathematics mentor, who is a senior lecturer based at Keele University.</p>
MFL	<p>All our A Level students benefit from a weekly one-to-one lesson with a native speaker where they discuss their literature texts, participate in debates about global issues, and have general discussions about their own personal interests and opinions. We also actively encourage our students to participate in work experience abroad, and a large number of our A Level linguists have reaped the benefits, both linguistically and personally, from working in a chocolate shop in Rouen to shadowing a dentist in Hamburg. We also organise regular theatre and cinema trips, study days, and a German film club, in addition to offering an extensive library of periodicals, literary texts, and films for personal loan.</p>
Music	<p>Our students benefit from very personal support and a large range of musical opportunities, including: several choirs; Swing Band; Concert Band; BBC Philharmonic Orchestra workshops at Manchester; ABRSM, Trinity/Guildhall, and London College of Music Theatre examinations; exclusive master classes and workshops, led by professional musicians and ensembles; and a new partnership from January 2013 with 'Lancashire Music Service', offering expert tuition outside the classroom. Plus we organise regular choir tours abroad – Germany in 2013 – and an extensive collection of sheet music, scores and CDs, is available to all pupils. We also have recording facilities and can guide students with studio work (sound production and recording), as well as record CD's to assist in university application and Music Technology experience (Units 2 and 3 of A Level course).</p>
Physical Education	<p>Our schemes of work are activity based, rather than by year group, to enable extension of tasks during each activity on a personal and individual basis. A regular programme of international sports tours exists to broaden the sporting experience in a variety of cultures – Australia and South Africa are being organised for 2014. More able pupils are nominated for County and regional selection – our U16 hockey squad were national champions in 2012 – and all pupils compete in inter-house and regular inter-school fixtures, as well as Wyre and Fylde and county competitions, as appropriate.</p>
Physics	<p>Our students benefit from the International Science Seminar, the Lancashire Science Festival, BAe Taster Weeks, and Institute of Physics Lectures. We also enter students in the Physics Olympiad and take part in the Lancashire Young Physicist of the Year award (UCLan).</p>



SIXTH FORM Academic Enrichment Opportunities

Psychology	Our students are invited to subscribe to an accelerated learning programme available online and endorsed by Harvard and Columbia Universities, as well as join the British Psychological Society as a student member, and attend the annual conference . We also attend day conferences and organise visiting speakers , including Dr G Brewer – author on evolutionary psychology.
Religious Studies	Our students are encouraged to visit a religious community to study the effects of religious experience on the group, and we attend regional conferences as well as provide individual support and guidance supported by a wide range of additional reading and innovative e-resources.
Sociology	An extensive bank of contemporary articles and periodicals are always available for our students, and a new topic is displayed weekly to encourage additional research . Personal guidance and extension is offered.