

IB success at Bromsgrove School

Niall Simmons

History	HL: 7
Chemistry	HL: 7
Biology	HL: 7
English	SL: 6
French	SL: 7
Maths	SL: 7
Core points:	2
Total points:	43



Extended Essay: A study on the effect of an increase in UMF value on the in vitro antimicrobial Activity of *Leptospermum scoparium* Honey

Destination: University College London – Medicine.

Denis Nesterov

Physics	HL: 7
Chemistry	HL: 7
Maths	HL: 7
Further Maths	HL: 7
Russian	HL: 7
Economics	SL: 7
English	SL: 4
Core points:	3
Total points:	42+7



Extended Essay: The Fluid Dynamics of Drag Experienced by a Sphere Passing Through a Narrow Tube.

Destination: Imperial College London – Mathematics.

Sam Adamson

English	HL: 6
History	HL: 6
Biology	HL: 6
French	SL: 6
Music	SL: 5
Maths Studies	SL: 7
Core points:	2
Total points:	38



Extended Essay: The Impact of Childhood on the Psychology of Hitler and Stalin.

Destination: Oxford University – Archaeology and Anthropology.

Ellie Ball

French	HL: 7
Economics	HL: 7
Biology	HL: 7
English	SL: 5
Maths Studies	SL: 7
Mandarin ab initio	SL: 6
Core points:	2
Total points:	41



Extended Essay: To what extent are the gyms in Bromsgrove an example of monopolistic competition?

Destination: UBC, Canada – French and Chinese.

Iulia Gurevych

Economics	HL: 7
English	HL: 7
Chemistry	HL: 7
Maths	HL: 6
Ukrainian	SL: 6
French	SL: 7
Core points:	2
Total points:	42



Extended Essay: Is the Ukrainian government right to reduce protectionist measures on the import of electric cars in the light of market failure associated with the automotive industry?

Destination: Chicago - Economics.

Teresa Heidland

German	HL: 7
English	HL: 7
Biology	HL: 7
Economics:	7
Maths	SL: 7
Spanish ab initio	SL: 7
Core points:	3
Total points:	45



Extended Essay: Do the essential oils from Rosemary and Tea tree possess antiseptic properties on the four bacteria *Escheria coli*, *Bacillus subtilis*, *Staphylococcus albus* and *Micrococcus luteus*.

Destination: Gap year.



BROMSGROVE SCHOOL

International Baccalaureate

A Guide for Parents 2017

Why do we offer the International Baccalaureate?

Bromsgrove School is proud of the breadth of education it offers in its Sixth Form. The School has a rich and successful history of producing well educated students who go on to have much success at some of the world's best universities. Not only does the School deliver excellent results, it offers its students breadth through a combination of academia, sport and action in the community. Indeed, the mission statement says it all:

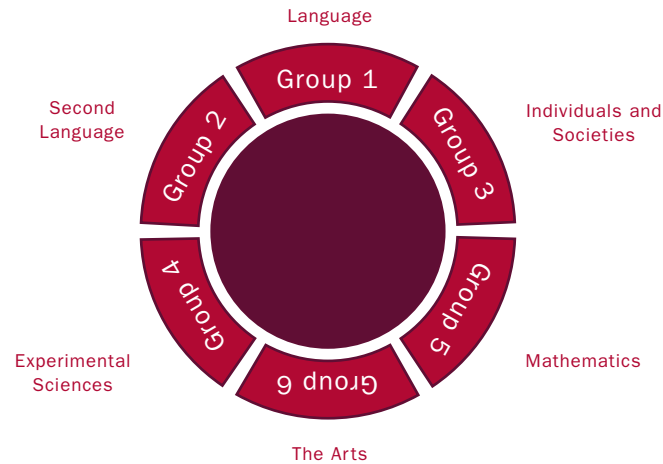
Flair: Discipline: Academic Rigour

The world, however, is currently undergoing drastic change. Our once vast world is becoming increasingly local and advances in technology are putting different demands on the skillset required of the next generation. As a School we must respond to this change and accordingly, since 2009, we have offered our Sixth Form students the opportunity to study the International Baccalaureate Diploma.

What is the International Baccalaureate?

The International Baccalaureate is a globally recognised qualification that is studied in over 120 countries. It seeks to develop inquiring, knowledgeable and caring young adults who are prepared for the modern world. Through the study of a broad range of subjects, within a cohesive curriculum, it encourages breadth whilst maintaining depth. Students are prepared for undergraduate study in their own areas of expertise but do not abandon skills in other key areas. A student studying science and maths, for example, will also study literature and learn language skills, essential for the modern world. A student studying the arts, on the other hand, will keep abreast of key issues in science and continue to develop skills in mathematics. The IB Diploma is built around a set of core values that develop independent enquiry and self-reflection.

The IB Diploma contains 6 groups which are represented below:



The subjects offered at Bromsgrove School in each group are:

- Group 1: English, German, Russian, Self-Taught First Language
- Group 2: French, English, German, Latin, Spanish and Mandarin
- Group 3: History, Geography, Psychology, Philosophy, Global Politics, Business and Management, Economics and Environmental Systems
- Group 4: Chemistry, Biology, Physics, Design Technology and Environmental Systems
- Group 5: Maths, Further Maths and Maths Studies
- Group 6: Visual Arts, Theatre Studies and Music

Three subjects are studied at higher level (HL) and three subjects are studied at standard level (SL). Students must pick a subject from each group, except for group 6, where instead they may choose to elect a second subject from another group. IB students also complete a self-reflective course of non-academic activities (known as Creativity, Activity, Service or CAS), which is very similar to

the extra-curricular programme students are already offered at Bromsgrove School. In addition to this, students complete a piece of independent research (known as the Extended Essay) and an epistemology based course (known as the Theory of Knowledge) which concludes with a short essay and group presentation. These additional elements encourage and develop independent research skills as well as skills in critical thinking and reasoning.

Preparation for University

A recent survey of British universities concluded that the International Baccalaureate is the best possible preparation for undergraduate study¹. IB students frequently outperform peers of similar starting ability who have studied other post-sixteen programmes. IB students also achieve a greater proportion of first class and upper second class honours degrees². This stands to reason, with an emphasis on independent learning, a built in research essay, and with all IB examinations being terminal, the IB very much echoes the undergraduate approach. Indeed, undergraduate courses are increasingly being examined on non lecture-based material; a student's ability to study, research and learn independently has never been more important.

Universities frequently prefer students who have studied the IB. It comes as no surprise, therefore, that students who have studied the IB are statistically twice as likely to be offered a place at a top 20 university, and that the percentage of students who are offered places on medicine and dentistry courses are greater than other post sixteen programmes of study².

¹IBSCA University Survey, 2015

²Higher Education Statistics Agency Report, 2011