



HASMONEAN CAREERS NEWS

Hasmonean High School Careers Activities **Autumn Term 2019**

Dyson Careers Workshop: 7th November 2019

Eleven boys in Year 13 took part in the Dyson careers workshop trying out Dyson's systems as a STEM careers activity. The boys spent 2 lessons working with Dyson employees understanding how design and automated systems operate – this was a valuable opportunity for the boys to develop links with industry and increase their awareness of employment in STEM careers fields.



Here, the boys can be seen programming some robots to operate on a grid system. This was an additional activity provided by the school's Yashar programme. Nine girls from the Sixth Form also attended the session run at the Girls' School.

Careers Posters – Ofsted Inspection Ready

One of the key criteria of any future Ofsted inspection is that careers must be an ongoing concern within the school and the 'golden thread' of careers must pervade throughout the school and be seen as a visible presence. To support this ideal, more posters promoting careers thinking and STEM learning, as well as informational boards on modern apprenticeship programmes, have been developed. These posters have been created so that each learning area around the school will have their own careers board linked to careers and their subjects. This will work in tandem with each

learning area having their own 'careers champion' to guide pupils who may have questions on careers in a specific subject.

Careers Poster



The poster on the left highlights BMAT requirements for science students considering a future in medicine and can be located outside the biology 1 science lab at the Boys' School.

Careers and Entrepreneurial Spirit in Hasmonean Pupils

We would like to thank Caleb in Year 11 for his report on developing his business interest in 3D printing. Caleb has developed his hobby and is building up business contacts as illustrated in his report on attending a 3D printing conference:

“On Thursday 26th September, I went to Birmingham to a 3D printing conference and tradeshow. Whilst I was there I made some valuable contacts, including a category manager at 3S Systems, the world's 2nd largest 3D printing company. They have just developed some very important materials, including a fire resistant material that can be printed easily. As well as that, I met some people who have developed a special lightweight wheelchair that has been 3D printed using carbon fibre.



At the Markforged (a big 3D printing company) stand, I was introduced to the Metal X, a new 3D printing system that can print quality parts quickly and affordably. There were also very many companies using 3D scanning and printing to create formula one cars and racing bikes.



As well as this, I was introduced to a charity called e-NABLE. They create 3D printed upper-body prosthetics for children and adults free of charge. I have since printed my first prosthetic and joined the charity: <http://enablingthefuture.org/>."

Year 8 Girls Cadburys World Educational Visit: 10th December 2019

Many pupils do not encounter business or careers until taking the subject as an option in Year 9. To encourage pupils to consider the business world and meet the Gatsby Benchmark 5 of Encounters with Employers and Employees, we were pleased to run the annual Year 8 girls educational visit to Cadbury's World, Birmingham where pupils had the opportunity to:

- Learn about the history of Cadbury and how it became a very successful business.
- How chocolate is made, packaged and promoted.
- Listen to an educational talk about Cadbury as a successful business.

We would like to thank Ms Vashi for planning and running this programme which enabled over 30 Year 8 girls to encounter business employees for the first time.

Price Waterhouse Cooper Workshops

We were fortunate to have workshops run by PWC at both the Boys' School and Girls' School for the Sixth Formers on the 5th December 2019. PWC gave presentations highlighting the apprenticeship route for pupils and how they could combine degree study with working on the PWC apprenticeship programme. This also meets the Gatsby 5 benchmark of encounters with employers. Several pupils, including Shoshana Z and Shimon S, participated in this programme.

The Graduate Tax Apprenticeship programme

pwc Here is an excellent opportunity for smart individuals to join our team. Application is now open for:

Position (temporary): Tax Apprentice

Duration:

One Year [successful candidates who perform well during the one-year program will be offered Associate 2 level role]



In addition to the Sixth Form programme, the Year 7 boys and girls were given a talk in assembly by the Jewish Care organisation to explain to pupils about their fundraising activities and support within the community. The role of charity organisations as an alternative career provider and the activities of JC's volunteers was discussed and pupils at both schools had the opportunity to ask follow-up questions.



SEND Careers Provision within Hasmonean

One of the key issues at Hasmonean is the need for inclusivity and meeting the careers needs of those with SEND profiles. Along with the school's SENDCo, Dr N Alexander-Passe, the school has worked with Barnet Education and Employment Support (BEETS) in order to provide bespoke advice and a career plan for those pupils who require an individual careers plans.

We were pleased to welcome Jerry Stonehouse from Barnet Education Support who visited the school on the 12th November and gave individual advice and a written plan for those pupils with EHCP needs. We would also like to thank Sharon Glover from Barnet BEETS for liaising to set up this provision.

Further information about how Barnet supports SEN pupils in schools can be found at the following website: <https://www.barnetlocaloffer.org.uk/pages/home/information-and-advice/preparing-for-adulthood/education-training-and-employment/careers-advice>

The screenshot shows the Barnet Local Offer website. At the top left are logos for 'FAMILY FRIENDLY BARNET' and 'The Local Offer Barnet Local Offer'. A search bar contains the text 'e.g. Autism, Support'. Below the search bar is a navigation menu with items: Home, Info and Advice (highlighted), Young People, SENCO, About, Organisations, Events, News, Library, and Contact. The main content area is titled 'Careers advice' and includes a breadcrumb trail: 'You are here: Home / Info and Advice / Preparing for Adulthood / Education, training and employment / Careers advice'. The main text describes the BEETS Team's role in supporting young people in Barnet between the ages of 13 and 19. A sidebar on the right titled 'In this section:' lists: Info and Advice, How to get help, Education Health and Care Plans, Early Years, and Transport.

Year 11 A-Level Options Fair

On the 11th and 12th November, the Year 11 girls and boys respectively were invited to an options fair where they were given a presentation on their A-level and BTEC options, as well as being invited to discuss the various A-level subjects with teacher/subject representatives in the hall. Pupils were also given specific information in a booklet on the A-level subject and grade requirements needed by

London universities as part of their entry criteria. This supporting booklet will aim to correct any misconceptions pupils may have about the A-level courses and UCAS points/grade levels needed to get into London universities. We hope pupils found all the information from the options fair useful and a PFF version of the booklet can be found on the school's careers website page.

HASMONEAN HIGH SCHOOL CAREERS
A-LEVEL UNDERGRADUATE A-LEVEL ENTRY

SUBJECTS REQUIRED FOR DIFFERENT DEGREE COURSES



Linking A Level subjects to your degree choice



London University Degrees – A-Level Requirements Sept 2019

This is not an exhaustive list of all the London University courses – the universities offer many more courses however, the entry requirements are representative of many of the courses not listed.

Goldsmiths			
Degree Course	A-level 1	A-level 2	A-level 3
LL.B Honors Law	Any Grade A	Any Grade B	Any Grade B
BA Economics	Any Grade B	Any Grade B	Any Grade B
BA International	Any Grade B	Any Grade B	Any Grade B
Bsc Computer Sc	Any Grade B	Any Grade B	Any Grade B

LONDON METROPOLITAN UNIVERSITY			
Degree Course	A-level 1	A-level 2	A-level 3
Accounting	A Level Pass	A Level Pass	
Architecture	B Grade any	B Grade any	B Grade any
Economics	C Grade any	C Grade any	C Grade any
Chemistry	C in Chemistry	B Grade any	C Grade any
Education	B Grade any	B Grade any	C Grade any
Health Soc Care	One A level		
Journalism	One A level		
Law	One A level		
Mathematics	One A level		
Pharmacology	C in Biology	C in Chemistry	D Grade any
Politics	B Grade any	B Grade any	C Grade any

Middlesex University London			
Degree Course	A-level 1	A-level 2	A-level 3
Mathematics	112 UCAS plus 12 in Maths		
Accounting & Finance	112 UCAS points		
Economics	112 UCAS points		
Creative Media & Journalism	112 UCAS points		
Midwifery	112 UCAS points		
Criminology	112 UCAS points		
Biology	112 UCAS plus 12 in Biology		
English	112 UCAS points		

UNIVERSITY OF WESTMINSTER			
Degree Course	A-level 1	A-level 2	A-level 3
Accounting	B Grade any	B Grade any	B Grade any
BA MEd Science	BSC to ABB to include two science subjects from Biology, Chemistry, Physics or Maths		
Architecture	AAB (Art and Design or Design and Technology is preferred as one of the choices, together with subjects from other fields)		
Bus Economics	B Grade any	B Grade any	B Grade any
Computer Sci	B Grade any	B Grade any	C Grade any
Criminology	B Grade any	B Grade any	C Grade any
Finance	B Grade any	B Grade any	C Grade any
History & Pol	B Grade any	B Grade any	C Grade any
International	B Grade any	B Grade any	B Grade any
Law	B Grade any	B Grade any	B Grade any
Psychology	B Grade any	B Grade any	B Grade any

Cass Business School City Westminster College			
Degree Course	A-level 1	A-level 2	A-level 3
Accounting & Finance	B Grade any	B Grade any	A Grade any
Actuarial Science	A* Maths	A Grade any	A Grade any
Business Management	A Grade any	A Grade any	A Grade any
Finance	A Grade any	A Grade any	A Grade any

UNIVERSITY OF GREENWICH			
Degree Course	A-level 1	A-level 2	A-level 3
Accounting & Finance	120 UCAS Points from A Levels, including two at grade C		
Adult Nursing	112 UCAS Points from A Levels		

Barnet STEM ambassador

With the importance of STEM (science, technology, engineering and maths) based careers becoming more prominent in the future, we look forward to working with the new Barnet STEM ambassador representative, Rhoda Quist (email: R.Quist@stem.org.uk), over the next year to provide presentations on the future of STEM-related careers.)

Further events and activities this term

Students in the Sixth Form were invited to attend the University of London taster days. Our Sixth Form students are encouraged, as a part of the Gatsby Benchmark 7, to have encounters with higher and further education centers and to make visits to universities for open days and interviews. Students should contact their Heads of Year to request an authorised absence to attend visits.

University of London Taster Days

Midwifery BSc & MSc Taster Day at King's College London

University of London

If you are interested in learning more about studying Midwifery at either BSc or MSc level, join us for our Taster Day.

Event Date: 20 November 2019



[View Event](#)

[Institution Profile](#)

Physics Taster at King's College London

University of London

Find out what it's like to study Physics at King's College London. You'll learn about our range of undergraduate Physics degrees, listen to a sample lecture, take part in a demonstration with our expert academics, explore our labs and have the chance to speak with current King's students.

Event Date: 20 November 2019



[View Event](#)

[Institution Profile](#)

Parents and pupils should be aware that the Prospects Group is providing several courses based on legal and finance careers in February based in the City of London. These courses will inform, motivate and raise aspirations for those considering careers in sectors which are traditionally difficult to enter. To apply for tickets, please click [here](#).

General pupils are also invited to the North London Higher Education Fair on the 6th March 2020 at Middlesex University.



This fair offers an excellent opportunity for our Year 12 students to meet representatives from over 50 universities across the UK and gather information about their future study and career choices.

Please also be aware that the new Kings College School liaison hub has been adopted by the school and will be used as an all-digital platform which includes materials such as:

- Pre-recorded videos on applying, competitive courses, personal statements, help on aptitude tests & Interviews (including MMI's) & more
- An interactive Personal Statement workshop for you to use in the classroom
- Videos on subject-specific courses, digital brochures and links to taster days

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Schools Liaison Hub

Videos for you

We hope you find our Reference Writing video useful. If you have any other suggestions for videos please fill out the form below.



The Schools Liaison Hub is an all-digital platform for you to use in your school. It includes materials such as:

- Pre-recorded videos on applying, competitive courses, personal statements, help on aptitude tests & Interviews (including MMIs) & more

**Written by Mr M Rivers-Davis
Careers Coordinator**