A warm welcome to the newsletter this week.

We are moving into the final week of exams and I have been very impressed with the focus and conduct of our sixth form students taking exams.

This week we welcomed Hayley Smith as our guest as part of the Speakers’ Programme. Haley has set up her own successful PR firm, Boxed Out PR and spoke to students about:

• her journey to date professionally and the BRIDGES characteristics that she needed to set up her firm
• the values that she wants to bring to the PR industry and how her own firm set out to role model these values
• some of the personal challenges she has had to face how this wasn’t what defined her story
• being agents of change; personally, professionally and for wider society,

A reminder that next Wednesday school will be closed (for students) for our annual Ahmed Al Khafaji Day when everyone will be engrossed in an aspect of their own learning. For further details of why we mark this day and how we spend it, please see last week’s newsletter.

And finally, just a reminder that we have two INSET days scheduled for Monday 26th and Tuesday 27th November when school will be closed to students.

With best wishes,

Ms Alibhai
Vice Principal and Head of Sixth Form
Advance Notice:

Student Finance Talk

Tuesday 4th December 2018

6pm-6:45pm

KS3 Hall, Isaac Newton Academy

This talk will cover several aspects of Student Finance to support your studies. It will primarily focus on the main package available from Student Finance England, which includes finances to pay for the cost of the degree and money you can use for living costs.

We will also look at the range of other finances available, including bursaries, scholarships and the Disabled Students’ Allowance.

The other focus of the talk will be myth busting the repayments scheme and finding out the realities of paying back a student loan, which is a lot less scary than the media can make out.

Finally, we will also cover tips for managing your money, including the student bank account.

This presentation will be given by Kat Knight, who is part of the Student Recruitment team at City University.
# Mock Exam Timetable

## Year 12 and Year 13

<table>
<thead>
<tr>
<th>Times unless stated</th>
<th>Mon 19th Nov</th>
<th>Tue 20th Nov</th>
<th>Ahmed Al-Khafaji Day</th>
<th>Thu 22nd Nov</th>
<th>Fri 23rd Nov</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AM Year</strong></td>
<td>Y13</td>
<td>Y13</td>
<td></td>
<td>Y12, Y13</td>
<td>Y13</td>
</tr>
<tr>
<td>P1</td>
<td>8:35 for 8:40 start Finish 9:40</td>
<td>Y13 Phys Paper 1 16 students 120 mins</td>
<td>Y13 Phys Practical physics and multiple choice 16 students 120 mins</td>
<td>Y12 Chemistry 40 students 60 mins</td>
<td>Start 8:30 Y13 Eng Lit Unit 3 Poetry Contemporary and Keats 18 students 135 mins</td>
</tr>
<tr>
<td>P2</td>
<td>9:45 start Released at 10:50</td>
<td>Equation and data sheets</td>
<td>Equation and data sheets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P3</td>
<td>11:05 for 11:10 start Finish 12:10</td>
<td>Further Maths Pure 1 75 mins 5 students</td>
<td>RS Paper 1 Study of religion - Christianity 4 students 120 mins</td>
<td>RS Paper 2 Philosophy of religion 4 students 120 mins</td>
<td>Further Maths Applied 75 mins 5 students</td>
</tr>
<tr>
<td>P4</td>
<td>12:50 start (varied finish time)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PM Year</td>
<td>Y12</td>
<td>Y13</td>
<td></td>
<td>Y12</td>
<td>Y13</td>
</tr>
<tr>
<td>P5</td>
<td>1:45 for 1:50 start Finish 2:50</td>
<td>Y12 Biology 43 students 60 mins</td>
<td>Tue late finish 3:30 Y13 EconomicsMacro paper 2 90 mins</td>
<td>Y12 Physics 24 students 60 mins</td>
<td>Y13 RS Paper 3 Study of religion - Christianity 4 students 120 mins</td>
</tr>
<tr>
<td>P6</td>
<td>2:55 start Released 4:00</td>
<td>Y12 Economics Micro paper 28 students 60 mins</td>
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</table>

**Wednesday 28th November - P2 - Y13 French Paper 3 Speaking (1 student) - 21-23 mins**
Students, Parents and Carers are invited to attend Isaac Newton Academy’s

2018 GCSE Certificate Presentation Evening

28.11.18

Refreshments and networking will begin at 5:15pm
The awards ceremony will begin at 6pm

Dress Code: Smart

RSVP to sixthform@isaacnewtonacademy.org by Thursday 15th November 2018

Isaac Newton Academy, 1 Cricklefield Place, Ilford, IG1 1FY
www.isaacnewtonacademy.org
Q & A with Mr. Rowe, Head of Computer Science

Q: Which A levels did you study, and why?
A: History, English Literature, ICT and Maths AS. They covered a broad range, with a couple being essay-based and two being Maths-based. I knew that at university I would want to study something to do with Politics and/or International Relations and Economics so I chose these subjects with that in mind.

Q: Which universities did you apply to, and why?
A: Leicester, Nottingham, UEA, Sheffield and I had Oxford Brookes as my insurance.

Q: Which university did you actually go to? Why?
A: I went to Birmingham – which wasn’t one of my five choices. I had been given an offer by Leicester, but it wasn’t Russell Group and when I got AAB instead of my predicted ABB I used Adjustment to apply for more competitive courses. On results day I spent 5 hours on the phone in conversation with helplines to universities and I ended up with offers from both Leeds and Birmingham. I had to make a choice on that day so after asking advice and getting information about them both, I opted for Birmingham.

Q: Which degree subject did you choose? Why?
A: I did International Relations with Economics. I loved History A level and we had a 19th century British politics module which I enjoyed. I wanted to keep the doors open to do possibly do Economics and maybe end up in a career in finance, but I also loved politics so thought a joint-honours degree would be a good option.

Q: What was the best thing about doing that course at that university?
A: The politics department at Birmingham has an international reputation. The lectures were taught by experts who were published writers. I had a wide range of modules to choose from so I could tailor the course to what I was most interested in.

Q: What was/were the best thing/s you did outside your studies while you were at university?
A: I was the editor of the student newspaper. I had two part-time jobs, one working for the Independent newspaper (the i) which I got because of my student newspaper role and one working for the university careers service, which included running the careers service desk at careers fairs. I also tried rowing for a bit, until I found the demands rather excessive. I also just enjoyed Birmingham and the life there.

Another thing that was really useful was that I applied for a Unilever Spring week, which is like a mini-internship, it’s quite competitive (600 applicants for 20 places) - it’s fully residential, all paid for, and you spend your time doing a range of projects and competitions in preparation for an assessment to do an industrial year.

Q: Is there a decision you made that you are particularly happy about in retrospect?
A: Accepting the offer from Birmingham despite not having visited it. It could have been a complete gamble but it paid off. I was placed in a flat because I hadn’t got any accommodation organised (having gone through Adjustment) and ended up making friends through that who are still close friends years on.

Q: Is there a decision you made that you regret in retrospect?
A: Maybe not investigating the opportunity to do a year abroad more seriously – I was keen to get into work and start earning money.

Q: How did you get into your current role in INA?
A: I signed up for Teach First which is programme designed to encourage successful graduates into teaching. I had done work experience in the City and hated it, but then I was watching a documentary about Teach First focused on teachers working in challenging schools and it looked really fun. I was allocated to a school in Hackney and I was given Computer Science to teach on the strength of my A level, I wasn’t given a choice and nearly pulled out because I wanted to teach English or History. But then I thought about how IT is such a relevant subject and loved teaching so it all worked out.

Q: What message would you want the INA Sixth Form students to take away from your experience?
A: Without compromising your studies and your grades, take every opportunity to do things outside your degree course because that’s what makes you attractive to prestigious employers. It has got so competitive that merely having a good degree from a top university is no longer good enough to secure you a job.
FIGHTING MISINFORMATION: THE LAUNCH OF THE LSE TRUTH, TRUST AND TECHNOLOGY COMMISSION REPORT
TUESDAY 20 NOVEMBER 6:30PM TO 8:00PM

The LSE Truth, Trust and Technology Commission has been working with experts, practitioners and the public to identify structural causes of media misinformation and set out a new framework for strategic policy. This event will launch the Commission’s report, at which the report’s key recommendations will be presented to the public.

Click here for more information.

A Statistician’s Adventures in Wonderland: Using Statistical Theory, Epidemiology and Clinical Trials for Public Health Impact.

24 Nov 2018
6pm-7pm

Statistical theory, making epidemiological observations and carrying out incisive analyses of them, and designing and carrying out elegant clinical trials are all absorbing, challenging academic activities in their own right. However, sometimes we can be left wondering ‘So what?’ Using those underpinning sciences to make a tangible difference to people’s health sometimes means going the extra mile, and venturing into worlds beyond the ivory tower. Drawing on the Deborah’s experiences from the worlds of academia, drug regulation and research funding, she will look at some examples that have made a difference, reflecting on both the scientific underpinnings, and the pathways to making an impact, as well as her personal reflections on that journey.

Read more here.
Is ‘The Handmaid’s Tale’ really a feminist text?

Experts from our School of English and Drama come together to discuss Margaret Atwood’s famous dystopian novel. This panel discussion will explore the extent to which we can describe The Handmaid’s Tale as a feminist text.

It will challenge many opinions that readers hold regarding the novel, as well as placing it within the current political climate in the UK and USA. You will have the opportunity to question our experts, as well as having the chance to speak with undergraduates about what it is like to study literature at university level.

Subject area: English Language and Literature, Humanities
Course date: 21 November 2018
Course duration: Half day (3.15pm - 6pm)
Course requirements: This taster course is open to year 12 and 13 students. You must be studying English at A-level.
Cost: Free

Read more here.

COST BENEFIT ANALYSIS AND THE ENVIRONMENT: FURTHER DEVELOPMENTS AND POLICY
THURSDAY 22 NOVEMBER 6:30PM TO 8:00PM
Hosted by the Department of Geography and Environment

A number of OECD countries make extensive use of cost benefit analysis (CBA) to help inform environmental policy decisions. This discussion panel will reflect on this use and take stock of recent developments in environmental CBA and the challenges this presents to policy makers. The panel will be comprised of some of the LSE authors of a recent book published by OECD on environmental CBA as well as policy practitioners.

Click here for more information.
Monday 26th November, 1pm-2pm

With over 80% of organic carbon being present in the form of cellulose, lignin and starch, it is unsurprising many groups have attempted to use these as feedstock chemicals and materials. Extensive hydrogen bonding makes the plasticisation of starch and the dissolution of cellulose difficult.

This talk shows that the incorporation of a simple salt can lead to a flexible plastic with mechanical properties similar to oil derived plastics. Most importantly these plastics are recyclable and ultimately compostable.

No reservations are required for this lecture. It will be run on a ‘first come, first served’ basis. Doors will open 30 minutes before the start of the lecture.

Read more here.

TRUMP, AMERICA AND THE WORLD: TWO YEAR ON
TUESDAY 27 NOVEMBER 6:30PM TO 8:00PM
Hosted by the LSE Ideas

Two years ago Donald Trump’s election shocked the world. At this event, foreign policy experts ask how much the Trump Presidency has changed America’s global role.

President Trump has challenged America’s traditional allies and normal trade policies. Will this have a lasting effect on US international relations? This event is the launch of the 3rd edition of US Foreign Policy, co-edited by Professor Michael Cox and Doug Stokes.

Click here for more information
THE FUTURE OF MONEY
THURSDAY 26 NOVEMBER 6:30PM TO 8:00PM
Hosted by the SYSTEMIC RISK CENTRE AND LSE LAW

This event will address the evolving role of money in society. Money used to be gold and is now fiat. Electronic transactions mean we have all but stopped carrying cash. The three speakers will discuss how new financial technology is set to change how money and payment systems are organised, if cryptocurrencies will displace fiat money and if banks will be replaced by technology providers?

This event forms part of the “New World (Dis)Orders” series, held in the run up to the LSE Festival, a week-long series of events taking place from 25 February to 2 March 2019, free to attend and open to all, exploring how social science can tackle global issues. How did we get here? What are the challenges? And, importantly, how can we address them? Full programme available online from January 2019.

Click here for more information

Eradicating malaria: A journey down the lens of a microscope

28 Nov 2018
17:30 - 18:30

Almost half a million children still die from malaria disease each year, one child every two minutes. At this juncture, faced with a rising tide of resistance to insecticides by the mosquito that transmits the disease and resistance to front line antimalarial drugs by the Plasmodium parasite itself (the agent responsible), world health authorities are calling for science innovation, new technology and bold ideas to help win the fight against malaria. In his inaugural lecture Jake will discuss his own journey, interfaced with that of the parasite, focussed on how the microscope has become such a central member of his team’s science. From dissecting the biology of the parasite to drug screening for antimalarials of the future and where imaging is revolutionising our understanding from whole cell right down to single atoms. Join him to discuss how these innovations fit in the wider picture of seeing a world without malaria in our lifetimes.

Read more here.
Turning the Tables - A Performative Lecture by Bird la Bird

22 November 2018, 6:00pm - 8:00pm
Laurie Grove. The George Wood Theatre

Bird la Bird will explore the moment in 1914 when suffragette Margaret Gibb smuggled an axe into the National Portrait Gallery and attacked a portrait of Thomas Carlyle.

Thomas Carlyle was a towering intellectual and celebrity of the Victorian era and a notorious racist who wanted to bring back slavery just a few years after abolition. Margaret Gibb claimed her choice of portrait was a mere co-incidence. But given that Carlyle believed in the destiny of great men (there were no great women in his book), Bird begs the question: Was this supposedly random act one of feminist fate? In this explosive performative lecture, Bird will pick up the where Margaret left off and explore the dangerous legacy of Thomas Carlyle including his part in the history of racism, his wilful act of writing women out of history and his desire to return to feudalism.

Goldsmiths
UNIVERSITY OF LONDON

Literature and Politics
John Banville and Fintan O’Toole
in conversation with Lara Feigel
21 November 2018, 18:30 to 20:00

Is literature always political? Does the writer have more political responsibility than other citizens, or less? What was the role of Irish literature in creating a national identity, and what is it now, in the age of Brexit? Here two of Ireland’s finest writers, the novelist John Banville and the journalist and critic Fintan O’Toole, will tussle their way across these questions.

This event is a collaboration between the Centre for Modern Literature and Culture and the European Research Council funded Beyond Enemy Lines project. It will be followed by a drinks reception.


John Banville’s novels include The Sea, The Infinities and, most recently, Mrs Osmond. He is also a playwright, a screen writer and a book reviewer. He won the 2005 Man Booker Prize for The Sea. He has also received the Prince of Asturias Award, the Austrian State Prize for Literature, and the Franz Kafka Prize. He lives in Dublin.

Register here
Imperial Lates: Xmaths
Countdown to Christmas with a festive evening of number puzzles as you explore how maths underpins black holes or how people behave in crowds...

06 Dec 2018
6pm-9pm

Please note that registration alone does not guarantee seats for our talks, tours or workshops. However those who have pre-registered will be given the first opportunity to book places on anything with limited spaces.

Countdown to Christmas with a festive evening celebration by numbers where you can tackle mind bending puzzles and make your own maths inspired tree decorations

Join our world leading mathematicians for a warming beverage and learn hear how they visualise the equations they mull over, why the idea of inherent maths genius is a myth, and how Maths is being applied to understand everything from black holes to how people behave in crowds

Read more here.

PHYSICS CHRISTMAS LECTURE
13TH DECEMBER 2018, 6:30PM

This year’s Physics Christmas lecture will be delivered by Professor Moreton Moore, a former Mayor of Runnymede and the author of the book: Diamonds: Much More Than a Girl’s Best Friend.

Beauty in science is more than just the occasional micrograph ‘looking good’: it is a driving force in formulating theories. Beauty and simplicity are related. The simplest solution to a problem often turns out to be the correct one.

Microscopes and telescopes have extended the range of human enjoyment of beauty in nature. Optics offers many delights of colour, computer graphics is creating a renaissance in spatial representation and fractals are a beautiful application of complex numbers.

Admission free but booking is essential.

Click here for more information.
Prof Laura Mickes: How to increase the value of eyewitness evidence

27 November 2018, 6:00pm - 7:30pm
IGLT, Whitehead Building

Anomalistic Psychology Research Unit Invited Speaker Series 2018/19

To inform a criminal investigation, police may ask an eyewitness to that crime to try to identify the perpetrator from a lineup. Eyewitnesses, however, have a bad reputation for being unreliable. That reputation is due to, in part, the fact that eyewitness researchers once viewed the relationship between the accuracy of an eyewitness’s initial identification and the confidence expressed in that identification as weak. Lab-based and field studies alike show that identifications made with high confidence are highly accurate whereas identifications made with low confidence are much less so. Confidence expressed during the initial procedure is therefore diagnostic of accuracy. In fact, it is by far the best predictor of accuracy. And when taken into account, the data challenge the longstanding notion that eyewitnesses are unreliable. The data also provide a way for the criminal justice system to improve the probative value of eyewitness evidence.

Spotlight on Science talk:
Making medicines in tobacco plants

Wednesday 28 November 6pm-7.30pm
Rooms H2.4-2.6, Hunter Wing
St George’s, University of London

Making medicines in tobacco plants - cultivating cures for global health

In this free Spotlight on Science event, Professor Julian Ma and his research team will be explaining the latest technologies from the world of plants.

Discover how plants are being genetically modified to make innovative bio-medicines such as antibodies and vaccines, and what this could mean for the developing world.

Come and find out about the amazing world of green ‘mini factories’ creating the treatments of tomorrow.
Biological Control Systems:
Systems Biology of Diseases and the Design of Effective Treatments

6 Dec 2018
17:30 - 18:30

The mammalian organism maintains stable, efficient and “near-optimal” performance and homeostasis in the face of external and internal perturbations via distinct biological systems ranging from the large-scale physiological (nervous, endocrine, immune, circulatory, respiratory, etc.), to the cellular (growth and proliferation regulation, DNA damage repair, etc.), and the sub-cellular (gene expression, protein synthesis, metabolite regulation, etc). “Biological Control Systems,” a sub-topic of Control Theory, arises from a control engineering perspective of the function, organization, and coordination of these multi-scale biological systems and the control mechanisms that enable them to carry out their functions effectively.

In this presentation, we will provide an overview of how physiological life is made possible by control, and demonstrate the usefulness of a control engineering perspective of pathologies for diagnosis, design, and implementation of effective treatments. The concepts and principles will be illustrated using three specific examples with significant research and clinical implications: Ca++ Regulation; TGF-β and prostate cancer; and Platelet Deficiency Control.

Read more here.

New technologies and maths:
silver bullets for infectious disease control?

6 Dec 2018
18:30 - 20:30

This series of short café talks forms part of Imperial Lates: Xmaths, a festive evening celebrating Mathematics at Imperial. Register here for more information on this latest Imperial Late, including an exclusive full line up of exhibitors and the workshops, demonstrations and talks they will be running so you can plan your evening in advance.

For hundreds of years, deadly infectious diseases have been evading the human immune system with their ability to mutate and change extremely rapidly. This very trait may well be their Achilles’ heel, thanks to new technologies developed at Imperial and beyond.

At Imperial Lates, statistician Dr Oliver Ratmann will be giving talks about this remarkable new technology, the latest mathematical methods used to make sense of the data, and how it all may help to win the fight against HIV and other infectious diseases.

Read more here.
The Hammersmith and White City Campus Distinguished Christmas Lecture

10 Dec 2018
17:30 - 18:30

Prof Sir Paul Nurse will be presenting Great Ideas of Biology. This will be followed by a drinks and canape reception to celebrate the festive season.

Professor Sir Paul Nurse is Director of the Francis Crick Institute in London, and has served as President of the Royal Society, Chief Executive of Cancer Research UK and President of Rockefeller University. He shared the 2001 Nobel Prize in Physiology or Medicine and has received the Albert Lasker Award and the Royal Society’s Royal and Copley Medals.

He was knighted in 1999, received the Legion d’honneur in 2003, and for 15 years was a member of the Council for Science and Technology advising the UK Prime Minister and Cabinet concerning science and innovation issues.

He is now one of the seven Chief Science Advisers of the EC High Level Group Scientific Advice Mechanism.

Read more here.

Exploring Under the Skin

21 November 2018
18:30 - 21:00

Admission: Free
Ticketing: Pre-booking essential

We’ve strived to investigate and understand what lies underneath our skin throughout our existence, from the cognitive revolution through to the present day.

Join an interactive exploration of how the humanities, arts and sciences have separately and collectively come together in the endeavour of exploring under our skin and our own reactions to this, from artworks, both beautiful and shocking, to the curiosity cabinets of the 1700s and through to modern ways that medicine and the humanities collide.

You’ll have the chance to take part in a range of different experiences as you interact with strange and wonderful curiosity cabinets, give medical illustrations a try or lounge in the corner and listen to a talk. Whatever you’re interested in you’re invited to explore the history of humanity’s quest to better understand what lies inside us.
The Primacy of Prevention
Michaelmas Hearings - Dr James Edwards
23 November 2018, 17:00 to 19:00

The Dickson Poon School of Law presents the Kcrim: Michaelmas Hearings with Dr James Edwards of Oxford University. Dr Edwards will be discussing, ‘The Primacy of Prevention’.

Amongst its programme of activities, Kcrim convenes the Michaelmas Hearings, which bring together some of today’s leading criminal law thinkers to discuss current legal issues affecting the United Kingdom, Europe, and the rest of the world. Each year, our speakers are expected to offer up for discussion some real problems in the theory and application of the criminal law, broadly understood.

Potential attendees of the Michaelmas Hearings should bear in mind that we shall generally commence substantive conversation as quickly as possible, without allowing much by way of presentation from the guest. Reading the paper in advance is, therefore, generally a prerequisite.

Papers are distributed after registration.

Imigration: Expert Panel Discussion - QM8618

Experts in law, economics, geography and politics & international relations come together to discuss the sensitive issue of immigration. Each expert will look at this topic from the perspective of their subject, exploring it beyond the simple ‘good-versus-bad’ narrative in much of the media.

You will have the opportunity to question our experts, as well as having the chance to speak with undergraduates about what it is like to study these subjects at university level.

Subject area: Economics, Geography and Environmental Sciences, Government and Politics, International Relations, Law, Social Sciences
Course date: 5 December 2018
Course duration: Half day (3.15pm - 6pm)
Course requirements: This taster course is open to year 12 and 13 students. Students must be studying a social science or humanities subject at A-level/IB.
Cost: Free

Read more here.
Free Speech in the Age of Social Media
3 December 2018
18:30 - 21:00

Organised by UCL’s Grand Challenge of Justice & Equality, this evening of discussion will explore the difficulties of upholding freedom of speech in an age when communications cross geographical boundaries, and consequently, country-specific laws governing such practices. The event will comprise a screening of a short historical film from the British Film Institute archive, followed by panel debate asking how have global communication technologies affected freedom of speech and how might freedom of speech legislation be upheld in an age when communication platforms cross geographical and legal boundaries? The evening will then conclude with a drinks reception.

Zinc fingers: From gene switches to gene therapy
The story of gene editing from the discovery of DNA to zinc fingers.
05 Dec 2018
17:30 - 18:30

Zinc fingers are natural DNA-binding proteins that are used by humans and other animals to switch genes on and off. They are extremely common – we have over 700 different kinds of zinc finger in our bodies – and they are a very important part of the genetic ‘computer program’ that makes us what we are. For over a quarter of a century, scientists have dedicated careers to re-engineering these zinc fingers to make tools to control genes. Since many zinc fingers have human origins, they can be delivered to patients without causing a strong immune response. Such targeted gene switches therefore having the potential to revolutionise medicine.

Recently, zinc fingers, and a related technology called CRISPR, have been adapted into tiny molecular scissors, to grab, copy, cut and paste DNA and make designer genes and genomes. In this lecture, we will look at the current frontiers of this technology.

Read more here.
Higher Level Apprenticeship in Software Development with Google UK

Applications are open from 15th October 2018 to 18th January 2019 for the Oct 2019 start.

As an apprentice at Google, you will be part of the Higher Level Apprenticeship in Digital Innovation Program launched in 2016, which will help develop the skills you need to become a Software Developer.

You will join a team at Google and will be assigned to a manager for the duration of your 2-year apprenticeship. You will start training in October with our academic partner Ada, the National College of Digital Skills, for 8 weeks. After completing your initial training which will set you up for success in your onsite experience, you will spend 20% of your time training with Ada, based in Whitechapel. You will be studying towards a Foundation Degree in Digital Innovation accredited by the Open University and gain the skills you need to build your expertise and establish yourself as a digital professional.

While onsite, you will have the opportunity to work alongside a team of Googlers (yes, that’s people working at Google!) to solve real life problems. You will get exposure to a range of different roles across the company including coding, development, testing and project management. Additionally, you will learn how to apply problem solving skills to tackle real life challenges, pick up new technical skills such as programming in multiple languages, learn about software testing and other industry practices and see how software is designed and developed.

Examples of responsibilities

- Support your team in the development of software based on agreed projects and platforms.
- Follow application and component level design working to standards and patterns agreed by the team leads.
- Follow coding standards and ensure compliance with quality measures.
- Ensure code is tested in accordance with the guidelines provided by the team or your host.
- Undertake training and follow mentoring as specified.

For any questions, please contact us on uk-apprenticeships@google.com.
Digital Marketing Apprenticeship with Google UK

The Google Digital Marketing Apprenticeship is a 15-18 month program offered as part of the UK Government’s Apprenticeship program (https://www.gov.uk/apprenticeships-guide) in partnership with WhiteHat.

Role Description
As a Digital Marketing apprentice at Google, you will be part of the first cohort of a new program launched this year that aims to provide the skills you need to become a Digital Marketer.

You will join the Sales/Marketing teams at Google and will be assigned a manager for the duration of your 15-18 month apprenticeship. You will start in October with our academic partner WhiteHat, for initial training. After completing your initial training you will be onsite at Google for further training and onsite experience, rotating between being onsite at Google and training at WhiteHat during your apprenticeship. While onsite, you will have the opportunity to work alongside a team of Googlers to solve real life problems while developing and learning from world-class digital marketing leaders.

As an apprentice within the Sales/Marketing teams, you will help define, design, build and implement campaigns across a variety of platforms. Be it supporting the complete marketing experience of a product, shaping its voice and growing a loyal consumer base, or designing, building and executing digital marketing campaigns for the biggest brand marketers in the world, you will get exposure to different Google products, including consumer (like Gmail, Search, Maps, Chrome, Android) and business products (AdWords, AdSense, Google Analytics). You will also leverage the power of Google data to help companies solve their business challenges. You will do this in collaboration with a cross functional team, including Sales, Marketing, Product, Engineering, Legal, PR, Policy and more.

We will equip you with everything you need to know to help our customers on their digital journey. You will receive specialised training on basic marketing principles, the fundamentals of search marketing, pay-per-click, and more. You will develop further skills through hands-on experience in research & web analytics, and will be in a position to recommend and apply technological solutions to achieve marketing objectives.

Google aspires to be an organisation that reflects the globally diverse audience that our search engine and tools serve. We believe that in addition to hiring the best talent, a diversity of perspectives, ideas and cultures leads to the creation of better products and services.

Interacting with people in all parts of the company will give you insight into our unique enterprise and corporate culture.

Examples of responsibilities

- Analyse and evaluate organisations’ digital strategies and actions for some of the world’s biggest brands.
- Use quantitative methods, models and research to help Google better understand consumer and advertiser behaviour to provide important feedback for product and clients’ digital strategies.
- Support execution of go-to-market strategies and coordination for new product launches & programs - e.g. positioning, naming, external communications, competitive analysis, and feature prioritization.
- Support insight gathering to better serve our users - e.g. via focus groups, working with a research agency to develop & test hypotheses, etc.
- Manage social media campaigns & develop ideas to better engage our users.
- Undertake training and follow mentoring as specified.
- Attend team meetings to keep colleagues informed and to create a forum for knowledge sharing.

Applications will open Autumn 2018 for a 2019 start

For any questions, please contact us on uk-apprenticeships@google.com.
Infrastructure Technician (IT) Apprenticeship with Google UK

The Google IT Apprenticeship is a 15 month program offered as part of the UK Government’s Apprenticeship program (https://www.gov.uk/apprenticeships-guide) in partnership with Just IT.

Role Description

As an IT apprentice at Google, you will be part of the first cohort of a new program launched this year that provides the skills you need to become an Infrastructure Technician.

You will join a team at Google and will be assigned to a manager for the duration of your 15-month apprenticeship. You will start in October with our academic partner [Just IT], for initial training. After completing your initial training you will be onsite at Google for further training and onsite experience, rotating between being onsite at Google and training at Just IT during your apprenticeship.

While onsite, you will have the opportunity to work alongside a team of Googlers (yes, that’s people working at Google!) to solve real life problems. You will get exposure to different roles across the company, including IT Support and Audio-Visual Engineering. Additionally, you will learn how to apply problem solving skills to tackle real life challenges, pick up new technical skills such as troubleshooting multiple computing platforms and data gathering and analysis, automating repetitive tasks, learn about remote infrastructure and fleet management, IT security and policies, and other industry practices.

Technical support for a technology company is a big task. As an apprentice within the IT Support team, your mission is to enable the people that keep Google running. Your team provides the front line user support for all of our internal tools and technologies.

We will equip you with everything you need to know to support our users. You will receive specialized training in networking, infrastructure and multi-platform system administration, and you will develop further skills through hands-on experience in communication technology (video and voice), hardware, mobile device support and project management.

Beyond the day-to-day, the team will contribute to longer term technical projects, process improvement and the documentation efforts that help make the Google magic happen.

Google aspires to be an organisation that reflects the globally diverse audience that our search engine and tools serve. We believe that in addition to hiring the best talent, a diversity of perspectives, ideas and cultures leads to the creation of better products and services. Interacting with people in all parts of the company will give you insight into our unique enterprise and corporate culture.

Examples of responsibilities

- Provide direct support for desktops, laptops, and mobile devices across multiple operating systems - ChromeOS, Mac, Linux, Windows, iOS, and Android.
- Provide basic corporate network infrastructure and server support.
- Provide direct support for Google’s corporate resources and applications.
- Undertake training and follow mentoring as specified.
- Attend team meetings to keep colleagues informed and to create a forum for knowledge sharing.

Applications will open Autumn 2018 for a 2019 start

For any questions, please contact us on uk-apprenticeships@google.com.