

Your Bright Future starts here



What happened last week in Sixth form

In the run up to mock exams next week, year 13 students have been working hard revising. On Monday the assembly celebrated International Womens Week, focusing on the difference between equality and equity and why gender equality isn't enough anymore. On Tuesday students had the opportunity to look through the newsletter during mentoring sessions and Year 12 students enjoyed a VESPA session on making mistakes. Wellbeing Wednesdays saw students enjoying origami, Gaslands, ethical debate, book club and playing basketball (shout out to Mr Hall and Ms England for getting involved!). Thursday was staff training and on Friday we Mocked the Week in the weekly quiz.

Dyson workshop

The workshops challenge students to use their engineering, electronic and problem-solving skills to program a robot Lego Mindstorms with the ability to navigate through a room and avoid obstacles along the way. Much like the Dyson's own robot vacuum. the aim of the workshop is to help develop their problem-solving, creativity and communication skills. Using new technology and new ways of thinking, they provide insight into a real engineering company, from experts at Dyson who lead the sessions.



Hard work - Kindness - Responsibility

Your Bright Future starts here



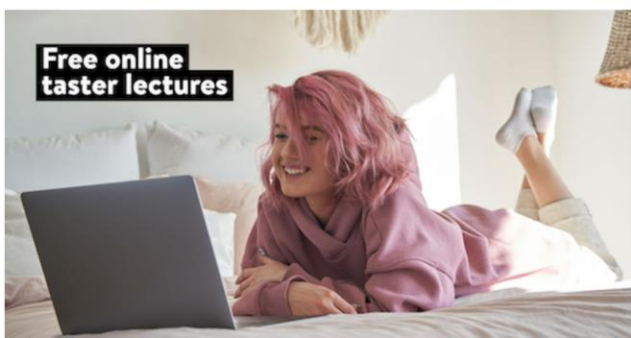
Maths inspiration event

This week, our year 12 maths students attended the Maths Insight event at Reading's Hexagon Theatre. The event comprised of three brilliant minds- Sammie Buzzard, Hugh Hunt and Ben Sparks. Sammie Buzzard who is a glaciologist and climate scientist, kicked off the event by considering the use of mathematics in climate change action and predictions. For example, scientists and various organisations use maths to predict what the reduction in the mass of arctic ice will be in future years. Interestingly, the estimation of a Japanese elementary school has been closer than that of NASA in recent years. Hugh Hunt is best known from his documentaries with Channel 4. One of which is the Great Wall of Death's world record attempt and exploration of how a motorcycle can ride around a vertical wall. In his segment, he demoed: why bicycle wheels stay upright when adequate force is applied; why there was backward rotation of a tennis ball; and he brought out a boomerang, which he threw out into the crowd. Of course, it made its way back to him. Ben Sparks' 'The scared geometry of chance' talk was inspired by Sting's 'The Shape of my heart'. He focused on the use of probability in poker games. We calculated the chances of being dealt a Flush in a game. He made a bet with a student that amongst a small section of the theatre, two or more people share the same birthday. He bet £20 and the student bet £5. Ben won the bet. After which, he devilishly explained that the odds were in his favour. Did you know that with 23 people the odds that two people share the same birthday is approx. 50%? And with 70 people, it is close to certain? Overall, a very fun and engaging event for the students, with lots of laughter and audience participation. A great way to show that maths can be quite exciting.



What's coming up next week

Tuesday - Physiology - 'Understanding the Electricity Within Us' - Recreating electrical activity in cardiac and neuronal systems live interactive talk from Bristol University meet in W6 at 3.15



Free Virtual online masterclasses and super curricular activities this week

Taster lectures can be a great way to demonstrate your interest in a subject, for example on your personal statement.

Take a look at the [‘writing about taster lectures’ worksheet](#) to find out more.

- **March 14 @ 14:15 - 15:00** Dr Mark Rimmer, Associate Professor in Media Studies at UEA, will explore **End of Audience**. Mark will consider the argument that audience – in terms of a mass of viewers, listeners or readers – needs to be fundamentally rethought, encouraging participants to reflect on their own engagements with media and consider the complexity and multidimensionality of twenty-first-century media audiencehood. [Find out more »](#)
- **March 14 @ 15:45 - 16:30** US Politics: Crisis Of Democracy in the USA? – Tutorial – Aberystwyth (KS5) [Find out more »](#) Dr Jenny Mathers and Dr Lucy Taylor from the Department of International Politics will ask the question: **Is there a crisis of democracy in the USA?** Following on from their Headliner video (see event page link below) which sets the scene and prepares students for the live event, Jenny and Lucy will lead a workshop exploring the US political system and its flaws. Through a discussion of key contemporary issues including the storming of Congress, crisis within the Republican Party, and race and representation, the session looks behind the news headlines to explore the meaning of democracy and the relationship between state institutions and democratic culture.
- **March 14 @ 18:00 - 18:45** Business: Skills & Insight - Entrepreneurship - From Observed Problem to Business Concept with Surrey (KS5) [Find out more »](#) Professor Andy Adcroft is the Deputy Dean of Surrey Business School. Andy will lead students through a process developed with Surrey's undergraduates in which we start with an *Observed Problem* and develop a *Business Concept/Solution*. Andy introduces the importance of creativity, problem solving and innovation but stresses the critical skills and aptitudes needed to harness these things in order to create products and services that meet the needs of customers. For Business students and for students with a more general interest in Entrepreneurship, the session will offer invaluable insight and motivation
- **March 15 @ 14:15 - 15:00** Neuroscience: A Tour of the Human Brain in 5 Recent Discoveries with Surrey (KS5) [Find out more »](#) Dr Matt Parker, Senior Lecturer in Neuroscience and Sleep Science in the School of Biosciences and Medicine at University of Surrey, Starting with an introduction to Neuroscience, Matt will move on to discuss ‘cutting edge’ techniques used in neuroscience and how they originated before exploring the Human Brain with respect to 5 recent discoveries.
- **March 16 @ 17:15 - 18:00** HE Guidance: Student Money – How Does It Add Up? With Elizabeth McCullough, Head of UK Student Recruitment At Goldsmiths, University of London [Find out more here](#)



**LAUNCH YOUR
CAREER**

<p>Monday 13th March 10-10:45am</p>	<p>Cinematography Careers with Sophie Darlington</p> <p>For KS3-5/S1-6</p>	<p>Do you want to go into Media Production? Do you love photography or cinematography? Since 1991 Sophie has worked happily as a filmmaker and cinematographer specialising in natural history in remote locations throughout the world from 78 degrees South to 78 degrees North. Sophie won a BAFTA in 2016 and was accepted as a BAFTA member in 2018. Join us as we interview Sophie about her career and find out her top tips and career tricks. Click here to register</p>
<p>Tuesday 14th March 2-2:45pm</p>	<p>Career Insights into the Music Industry with Karen Emanuel, CEO, Key Production Group</p> <p>For KS4-5/S4-6</p>	<p>The music industry isn't just for musicians and singers, there are many other career roles available if you are passionate. In this broadcast, we will hear from Karen Emanuel who started in the music business booking bands and DJ-ing at Leeds university, and later in 1990, she began Key Production, which specialises in the design and manufacture of Vinyl CDs, DVDs, and cassettes plus bespoke packaging for both music and a growing list of other industries. Click here to register</p>
<p>Wednesday 15th March 2-2:45pm</p>	<p>Music Branding and Events with Romano Sidoli, Former Head of Magazine Relations, News Team Group & Former Managing Director, NME – Time Inc. (UK) Ltd</p> <p>For KS4-5/S4-6</p>	<p>Romano Sidoli is CEO of The Romano Sidoli consultancy, a team of event and brand specialists working in the music and media industries. His clients include FAC (Featured Artist Coalition), MMF (Music Managers Forum), Croydon Council, GUAP, OpenLab.fm, My Runway Group, Americana Music Association-UK, Escape Records & many more. Previously managing director of NME, he led the NME's brand transformation, which saw the iconic music magazine move to a free distribution model in September 2015. Romano looks forward to answering your questions about the world of events and music branding. Click here to register</p>
<p>Thursday 16th March 10-10:45am</p>	<p>Strengthen Your Skill Set with Stephanie Flanders, Senior Executive Editor at Bloomberg and Head of Bloomberg Economics</p> <p>For KS4-5/S4-6</p>	<p>In this broadcast, economist, Stephanie Flanders who has the position as the Senior Executive Editor and Head of Economics for the financial, software, data, and media company, Bloomberg will be talking to us about the basics of being an economist, transferable skills, and strengthening your skill set through practical and educational means. Click here to register</p>
<p>Friday 17th March 10-10:45am</p>	<p>My Career as a Musician with Matt Griffiths, CEO, The National Foundation for Youth Music</p> <p>For KS3-5/S1-6</p>	<p>Matt Griffiths is the CEO of Youth Music, a charity investing in music-making projects for young people experiencing challenges. Matt originally trained as a percussionist and was a professional musician and music educator. This work included leading workshops and projects in prisons, young offender institutions, and more. In this session, we will hear about how music careers and passion for music can create a vibrant successful, and fulfilling career and how you don't have to just be a musician. Click here to register</p>

UCSF Guidance Bulletin

Online masterclasses and events
Click on the photo to access the link

Architecture Taster Day

Tuesday 4 April, 9:45 - 15:15

The University of Reading's Architecture department's taster session offers you the opportunity to experience a typical architecture studio through hands-on design and/or drawing exercises. You will take part in a workshop dedicated to visualising space and structure, and lectures will cover the role of the sketchbook and preparation of your architecture portfolio.

[Find out more and request your place](#)

Examples of student-produced models from previous taster days can be seen below.



Mechanical Engineering



Law For Students



Explore degrees in sustainability For Students

Did you know that jobs with a sustainability focus are on the rise? Join experts from Harper Adams, Huddersfield, and Royal Agricultural University to explore a range of degrees focused on tackling climate change and environmental challenges including food production and engineering.

> [Wednesday 15 March @ 17:00 UK time - 1hr - sign up >](#)



Next Steps for Y12 Conferences 2023

Join representatives from the University of Exeter, University of Bath, Cardiff University, Keele University, Lancaster University and the University of Warwick to find out more about applying to, and studying at, university. Please complete the form below and select the events you wish to attend to register your place.

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LAUNCH YOUR
CAREER



RWE

Apprenticeships with RWE -
Shaping the Future!

Employer: RWE
Age: 16-19
Industry: Energy/Utilities
Date: 14/03/2023
Timings: 13:00 - 14:30

Discovery Accountancy - and
learn about the most
common myths

Employer: ICAEW
Age: 14-19
Industry: Accountancy
Date: 14/03/2023
Timings: 17:00 - 18:00

Read more

Read more



Explore Engineering- Future
Ready

Employer: Vodafone
Age: 16-19
Industry: Engineering
Date: 14/03/2023
Timings: 10:00 - 12:00

Read more



Careers at the beating heart of the NHS

Date: 27/03/2023, 10-2.30pm
Industry: Medical, Health & Social care
Booking deadline: 16/03/2023
More information [here](#)



TV & Film Work Experience

Open Virtual

*This programme is on-demand, so you
can start right away!* Sounds pretty glitzy
right? When you ...



NHS

Careers in the Allied Health Professions

Open Virtual

*This programme is on-demand, so you
can start right away!* The health and
social care sector is ...

Fujitsu

Fujitsu - Girls in ICT Insight Event

Open Virtual

To celebrate International Girls in ICT Day,
this Insight Event will focus on the
technology and ...

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STUDENT SUPPORT MENTORING SESSIONS

**1-2-1 15 minute sessions for Year 9-13 every
Tuesday, Wednesday, and Thursday 15:00-17:00.**

Applying for an apprenticeship and want help with your application? Unsure on what you want to do and want to learn more about your options? These weekly sessions are where you need to be!

- CV & Cover Letter help
- Interview Prep
- Tips on producing a strong application
- _____
- Understanding what your options are
- _____

You can sign up for your 1-2-1 session with this [link here](#)



These sessions are run by Max - Head of Student Success



These sessions are available during term time

Uptree

Springpod

SPEAKERS for schools

Check out the Work experience listing at [uptree](#) / [springpod](#) and [speakers for schools](#)

PATHWAY CTM

GetMyFirstJob Where it all starts.

Check out the latest opportunities with leading Employer's across the UK, from school leaver roles to Apprenticeships.

Do you own research an check out these links on a weekly basis to see what being advertised