



# SIXTH FORM

# TRANSITION BULLETIN

EDITION: 3

Dear Year 11,

Many of you will be aware at 5pm on weekdays and 4pm/7pm on weekends, the TV cameras beam live a 45-minute press conference from Downing Street. There has been fortunately improving news each week of declining cases of and deaths due to Covid 19 and in the last few days increasing news emerging of an easing of the lockdown measures that have made the last 3 months very restrictive for us all. Each Press Conference is hosted by a government Cabinet minister with names of politicians becoming familiar to us all from Matt Hancock, Pritti Patel, Dominic Raab, Rishi Sunak and of course our Prime Minister Boris Johnson. Many of you may have with more time on your hands started to watch alongside these conferences, TV news bulletins and feeds from Social Media and Smartphone Apps. All of a sudden.... incidents like Dominic Cummings in Durham, Trump stopping with Twitter, Minneapolis police fuelling racial tensions and China passing new restrictions on Hong Kong residents might have captured your attention and more importantly enabled you to form an informed opinion.

When we do return to the new normal, it is important that the spark you may have set in motion on Current Affairs here in the UK and internationally is gradually kindled and fuelled into a strong flame. As you look to make yourself a viable applicant for a university/ apprenticeship place or impress at interview for employment- it is your readiness to interpret the world we presently live in, the events that influence the trajectory we take as a country and world and your opinion on these that makes you 'stand out' from the crowd. For the next 20+ months it is imperative you keep your finger on the pulse of 'political goings on' particularly in how they relate to your career goals and ambitions. A large proportion of this bulletin has been set over to opening your eyes and ears (podcasts) to the wide range of news websites that are accessible to you online and how you can become politically alert and engaged to your immediate and wider surroundings. Please use this 'quiet period' to bring yourself up to speed on these current affairs that will impact your present and future.

Please do not hesitate over the next 12 weeks to email me on : [moloneya@barkingabbeysschool.co.uk](mailto:moloneya@barkingabbeysschool.co.uk) should you have any queries or concerns no matter how small regarding this key transition to Key Stage 5.

Thanking you

**Mr. Anthony Moloney**  
**Head of Sixth Form**

**LAST WEEK'S PUZZLE ANSWERS**

**London Landmark Emoji Pictionary Quiz**

How Many of the 20 landmarks did you unravel from these clues? (Answers below)



1) Madame Tussauds	11) Oxford Street
2) Abbey Road	12) National Maritime Museum
3) Piccadilly Circus	13) Serpentine(Hyde Park)
4) Battersea Cats and Dogs Home	14) Portobello Road
5) Olympic Park	15) Imperial War Museum
6) Kings Cross Station	16) Royal Exchange
7) 1 Canada Square (Canary Wharf)	17) Barbican
8) Walkie Talkie	18) Cutty Sark
9) Elephant and Castle	19) Crossrail Place (Canary Wharf)
10) Waterloo Station	20) Dorchester Hotel

**This week we stick with another Emoji Pictionary Quiz but we focus on famous movies:**

## GUESS THE MOVIE:

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VIA 9GAG.COM

The words Corona Virus and Covid 19 will always be etched in our memories when we think of the Spring/Summer of 2020 but these should not be considered in isolation.... Make sure you have made the connection between the events of these 4 months and the subjects you plan to study at Post 16 and beyond:

### How to enrich your supra-curricular activities by studying the Coronavirus – subject by subject

#### Maths, statistics and computing

The most interesting thing for students of these subjects is looking at how the modelling works that has been done to predict the shape of the disease and how the shape can be changed by taking difference approaches e.g. lockdowns, social distancing, wearing masks in public etc. Students should be looking for detailed accounts of how this modelling works, what maths, statistics and computing are involved and the backgrounds and career paths of the people who are doing it.



## **Economics**

There is a huge economic impact of the Coronavirus and it's fascinating for any economist to be looking at the macro and micro ways in which the crisis is being managed by governments, businesses and households. Things to look at include:

- The stimulus packages and how they link to different economic theories and practices from the past
- The response of the stock market and how this can be understood and interpreted
- How businesses have responded – from closure to innovation and what can be learned from this
- The social impacts of the forced contraction of the economy

These questions should get you started – but see where they lead you in your own inquiry.

## **Psychology and philosophy**

Many people are suffering from the mental health problems that being in lockdown and anxiety about catching the virus bring more than they are from the virus itself. This is very interesting from a psychological and philosophical point of view.

If you're interested in this you could be asking questions about:

- What positive psychology teaches us about positively managing our mental health
- Whether there have been any studies about the impact of isolation on people
- The impact of trauma and extreme stress on people e.g. medical professionals and how to help them through it
- What philosophy tells us about how to manage our minds in these circumstances, and what wisdom the great religions can contribute to help us get through the crisis
- The ethics of how to treat dying people, how to manage their deaths and how the grief process is impacted by social distancing.
- The ethics of depriving entire populations of their freedom to move around and earn an income in the way that they choose.

## **Biology, chemistry and medicine**

This one's kind of obvious, but I don't think people like virologists have even been so visible in the media. There are so many things you could be looking at here, but this is a starter:

- How do viruses mutate and transmit; the  $R$  value (rate of infection) of this virus compared to others and what that means for its management; which medicines have been developed that help cure people with viruses; the differences in medicines for treating bacteria and viruses; how the symptoms of Covid-19 are treated in hospital
- How the different tests for antigens and antibodies work; what are reagents and how they work; how labs process tests in bulk

**Physics and engineering:** The Maclaren formula one team developing an oxygen mask in just over a week showing the potential of medicinal engineering. In what other ways can physics and engineering help?

**Geography and sociology:** As a geographer, the spread of the disease over the world through global migratory networks is fascinating and tells us a lot about global disparities – starting in China and spreading to high-income countries first. It's also interesting for geographers to look at how different geographical areas are impacted by the virus e.g. urban areas versus rural areas or more well-off areas versus areas with more deprivation. There are also questions about global flows of not just people, but also of information and how the internet is facilitating the lockdown with large amounts of social and economic life being able to be conducted through the internet. This feeds into the sociology of the situation. I saw an interesting thread on Twitter about how Coronavirus was affecting the homeless community of addicts in Glasgow. There are very different problems and priorities for a group of people like this. Similarly, I've seen a lot of talk about how women are being expected to pick up the caring responsibilities being thrown on them in a disproportionate way to men. Is there a chance that this crisis could entrench gender differences, or is women's 'invisible work' going to become more visible to men as they're in the home supporting caring and home learning alongside women?

**Politics and History:** On the back of the political earthquake that was Brexit and the election in 2019, it's fascinating to watch the politics of this situation. What can you learn about it? I think it's also useful to look at the politics through a historical lens. Lots of people are drawing parallels with World War 2 and the Blitz Spirit. Are these comparisons valid? What about more distant historical parallels such as the black death and the plague? Can they teach us anything?

### **English language and literature**

This is linked to the history and politics but an analysis of the language that is being used to talk about the Corona crisis would be fascinating – particularly in comparison to other recent political events such as Brexit. How is the language used different? How does this affect and reflect the national mood? I've seen people turning to literature for comfort at this time, with poems being read out on the radio. I reached for Anne Frank's diary in the early stages of the crisis. What literature helps us, comforts us and instructs us at this time? Are we yet seeing a creative out-pouring in response to the crisis, in the way that other historical events often create a large body of literature to help us understand and make sense of these? Can you create anything of your own?

### **Languages**

Reading about how other countries are dealing with the crisis, in their own languages, will help you practice your language skills but also give you an insight into other cultures and their response to the crisis. What can you learn from their response? How is the tone of their language and nature of the debate in those countries different to what is going on in your own country?

### **Over to you...**

**I hope this has given you some ideas about how you can become intellectually curious about the crisis around us. The key here is to be curious and to start asking questions – not just being a participant in what is happening, but being an inquiring observer about what's going on.**

## **The Autumn Examinations – A Chance to Sit your GCSEs if you are concerned by the outcome on August 20<sup>th</sup> (Updated information)**

A Consultation has gone out to teachers from OFQUAL about the opportunity to sit GCSEs later this academic year – Final proposals on these suggestions will be determined in late June but here are the government's current and outline ideas (yet to be confirmed) :

- Efforts are being made to ensure that all subjects will be on offer to sit this Autumn
- Where possible the same number of exams will be taken per subject and they will be of the same format as the Summer/ Past Exam framework
- Aside from Art & Design, Most Exam Grades will be determined by exam-based assessments this Autumn with no non-exam assessment
- The possibility of a new task should be completed under supervised conditions for Art & Design
- Practical Skills Assessment grades for Biology, Chemistry and Physics should be carried forward wherever possible (GCSE English Language Spoken language assessment will also be carried forward)
- Looking at the first 3 weeks in November as the proposed dates for GCSE Exams
- Still exploring where these exams can most feasibly be held
- Both results will stand (Summer CAG and Autumn Grade)
- Normal Review of marks and papers are likely to occur of Autumn examinations
- Replacement Certificates will be issued to Summer Exams students who have better Autumn Term grades

## **Uptree Opportunities**

Last week, we focussed on virtual work experiences with one facilitator continuing to offer further experiences...Make sure you sign up on : [www.uptree.co](http://www.uptree.co) and here are a few reminders:

### **- 16 June Creative Marketing Panel with Ogilvy**

For students looking at starting out in marketing and creative industries, this session is an invaluable insight into career pathways, lifestyle and jobs at Ogilvy.







### **- 23 June Work Experience Day (non-clinical roles) with NHS**









Want a career that makes a difference? There is so much more to the NHS than being a doctor or nurse. This work experience day will explore non-clinical roles in the NHS and the pathways to get there.

**To apply, students will need to prepare a short motivation statement about why they want to attend the session. Student's should find out if they are successful one week before the event.**









## Current Affairs Resources:

Below is a compendium of high quality online news providers that will enable you during this historical period in the world to stay alert to events occurring across the world and the UK.

<u>News Provider</u>	<u>Logo</u>	<u>Details</u>	<u>Weblink</u>
BBC News		With the latest news, features, analysis and debate plus audio and video content from England, Scotland, Wales and Northern Ireland	<a href="http://bbc.com/news/uk">bbc.com/news/uk</a>
The Day		The Day is an online news service that is specifically geared towards young people.	<a href="http://www.theday.co.uk">www.theday.co.uk</a>
The I		The i is a national morning paper published in London full of short, concise news articles for those with limited time	<a href="https://inews.co.uk">https://inews.co.uk</a>
Sky News		Expert comment and analysis on the latest UK news, with headlines from England, Scotland, Northern Ireland and Wales.	<a href="https://news.sky.com/uk">https://news.sky.com/uk</a>
Bloomberg		High quality news portal that offers a global perspective on business	<a href="https://www.bloomberg.com/europe">https://www.bloomberg.com/europe</a>
Reuters		A multimedia company offering its readers the latest news, business, financial and investing news, including personal finance.	<a href="https://uk.reuters.com/news/uk">https://uk.reuters.com/news/uk</a>
The Times <b>Subscription Fee</b>		A long established newspaper offering expert opinion on national and international events	<a href="https://www.thetimes.co.uk">https://www.thetimes.co.uk</a>
The Financial Times <b>Free to you in September</b>		An international daily newspaper that has a special emphasis on business and economic news.	<a href="https://www.ft.com/world/uk">https://www.ft.com/world/uk</a>
The Guardian		The Guardian has been the world's leading liberal voice, since 1821 with all the latest news, sport, business, comment, analysis and reviews	<a href="http://theguardian.com/uk">theguardian.com/uk</a>

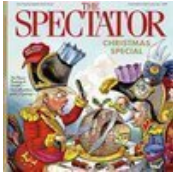
<p>The Telegraph</p> <p><b>Subscription Fee</b></p>		<p>Latest news, business, sport, comment, lifestyle and culture from the Daily Telegraph and Sunday Telegraph newspapers</p>	<p><a href="http://telegraph.co.uk">telegraph.co.uk</a></p>
<p>The Independent</p>		<p>The Independent is one of the world's most free-thinking newspapers.</p>	<p><a href="http://independent.co.uk">independent.co.uk</a></p>
<p>Channel 4 News</p>		<p>Channel 4 News is committed to challenging expectations with stories that reveal and inspire, innovatively produced - with just a touch of mischief.</p>	<p><a href="http://channel4.com/news">channel4.com/news</a></p>
<p>The Huffington Post</p>		<p>The destination for U.K news, blogs and coverage of politics, entertainment, lifestyle, world news, technology and comedy</p>	<p><a href="http://huffingtonpost.co.uk">huffingtonpost.co.uk</a></p>
<p>Evening Standard</p>		<p>Latest London news, football, business, showbiz and entertainment</p>	<p><a href="http://standard.co.uk">standard.co.uk</a></p>
<p>The Conversation</p>		<p>The Conversation offers informed commentary and debate on the issues affecting our world</p>	<p><a href="http://theconversation.com/uk">theconversation.com/uk</a></p>
<p>Wired UK</p>		<p>WIRED is an agenda-setting magazine offering brain food on a wide range of topics, from science, technology and business to pop-culture and politics</p>	<p><a href="http://wired.co.uk">wired.co.uk</a></p>
<p>Pink News</p>		<p>Pink News covers politics, entertainment, religion and community news for the gay, lesbian, bisexual and transgender community.</p>	<p><a href="http://pinknews.co.uk">pinknews.co.uk</a></p>



The Week		The best of British & international news, opinion, sport, people & business.	<a href="http://theweek.co.uk">theweek.co.uk</a>
The Daily Mash		The Daily Mash is a satirical website which publishes spoof articles, i.e. it is all made-up and is not intended, in any way whatsoever, to be taken as factual.	<a href="http://thedailymash.co.uk">thedailymash.co.uk</a>
Politics.co.uk		This is an impartial political website with no political affiliation, which prides itself on standing out as an independent voice in a landscape where the norm is to nail your colours to the mast	<a href="http://politics.co.uk">politics.co.uk</a>
Positive News		The longest-established publication for quality reporting that inspires, Positive News is owned and supported by a global community.	<a href="http://positive.news">positive.news</a>
Politicalite		The Politicalite is the provocative political blogger on the side of the working classes, the Brexit voter, the anti-Globalists and the people who are tired of the status-quo in British politics	<a href="http://politicalite.com">politicalite.com</a>
Breaking News Today		In-depth features, analysis and the latest news across the whole of the UK.	<a href="http://breakingnewstoday.co.uk">breakingnewstoday.co.uk</a>
The News Alert		The News Alert is an online news, entertainment, music fashion website	<a href="http://thenewsalerts.co.uk">thenewsalerts.co.uk</a>
The Voice		The Voice is Britain's leading black newspaper bringing you news, sport and entertainment with an African and Caribbean perspective	<a href="http://voice-online.co.uk">voice-online.co.uk</a>

## **Politics...Get Involved!**

On the next 4 pages you will find a range of websites you should explore to keep yourself politically engaged:



The Spectator: Daily commentary on politics and current affairs In-depth analysis of the day's news, plus stories and gossip from Westminster. [blogs.spectator.co.uk](https://blogs.spectator.co.uk)



Paul Staines, otherwise known as Guido Fawkes blog, is described as a 'discussion on parliamentary plots, rumours & conspiracy' and is nothing short of explosive., [order-order.com](https://order-order.com)

### **Reddit - UK Politics**



Political articles and debate concerning the United Kingdom. [reddit.com/r/ukpolitics](https://reddit.com/r/ukpolitics)



The Guardian's Blog on politics, politicians and geopolitical news. [theguardian.com/politics/blog](https://theguardian.com/politics/blog)

### **Left Foot Forward**



Left Foot Forward is a political blog for progressives. They provide evidence-based analysis on British politics, news and policy developments. [leftfootforward.org](https://leftfootforward.org)

The logo for the Financial Times, consisting of the letters 'FT' in a bold, serif font on a light orange background.

Jim Pickard and Kiran Stacey share their views on the UK's political scene for the Financial Times.

[ft.com/westminster](https://www.ft.com/westminster)

### [Oxford's Department of Politics - OxPol](#)

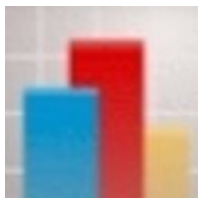
The logo for OxPol, featuring the letters 'OX' stacked above 'POL' in a sans-serif font, with a vertical line to the left of the text.

A blog sharing research and analysis from Oxford's Department of Politics and International Relations. [blog.politics.ox.ac.uk](https://blog.politics.ox.ac.uk)



John Redwood's Diary offers incisive and topical campaigns and commentary on today's issues and tomorrow's problem. [johnredwoodsdiary.com](https://www.johnredwoodsdiary.com)

### [UK Polling Report](#)



Get Survey and Polling news from You Gov's Anthony Wells. [ukpollingreport.co.uk](https://ukpollingreport.co.uk)

The logo for Slugger O'Toole, featuring a red silhouette of a slugger in a batting stance above the text 'slugger o'toole' in a bold, lowercase sans-serif font.

Slugger O'Toole takes a critical look at politics in Ireland and Britain, bringing its readership 'open source' analysis from the mainstream media and the wider world of blogging. [sluggerotoole.com](https://sluggerotoole.com)

## [Political Betting](#)



Britain's most read political blog [www7.politicalbetting.com](http://www7.politicalbetting.com)



Douglas Carswell is an optimist. He believes the world is getting better, and favours free markets, accountable government and individual liberty. [talkcarswell.com](http://talkcarswell.com)



The Political Studies Association exists to develop and promote the study of politics.  
[psa.ac.uk/insight-plus/blog](http://psa.ac.uk/insight-plus/blog)



Liberal Democratic Voice is the most read independent Liberal Democrat website, this is a site run by and for Lib Dem members and activists. [libdemvoice.org](http://libdemvoice.org)



Total Politics is the UK's leading online political magazine and website bringing you agenda-setting interviews and must-read opinion pieces [totalpolitics.com](http://totalpolitics.com)



Nick Tyrone is a writer whose articles have been featured in the New Statesman, Total Politics, the Huffington Post, Lib Dem Voice and Conservative Home. [nicktyrone.com](http://nicktyrone.com)



Founded by Tim Montgomerie - Conservative Home was created as a hotspot for grassroots Conservative supporters.. [conservativehome.com](http://conservativehome.com)



Labour List is the foremost independent blog for all things Labour, and a discussion platform for everything from the NHS to the EU. [labourlist.org](http://labourlist.org)



Iain Campbell Dale is best known for his political blog Iain Dale's Diary (founded in 2002) and for his frequent appearances on UK news channels as a political commentator. [iaindale.com](http://iaindale.com)



Naked Politics is a brand new political blog dealing with the latest political news, debates, and political issues affecting the world today. [nakedpolitics.co.uk](http://nakedpolitics.co.uk)





Filibuster UK is a platform for young people to get their opinions published. Filibuster is a non-partisan organisation we don't take sides.. [filibuster.org.uk/category/u..](http://filibuster.org.uk/category/u..)



The home of Free Nations, Rodney Atkinson is one of the most successful political economists, an expert on the constitutional effects of British membership of the EU [freenations.net/blog](http://freenations.net/blog)



The latest official UK government news and videos along with links to information released by both the Commons and Lords. [offchan.com](http://offchan.com)



Political blogger Anna Raccoon Shares her views of the main stream media. [annaraccoon.com/category/pol..](http://annaraccoon.com/category/pol..)



Labour Uncut is the blog to read if you want insight into the trials and tribulations of the Labour Party. Sometimes scathing in its dissection of Labour policy, I. [labour-uncut.co.uk](http://labour-uncut.co.uk)

**University Opportunities this week (Please click on the title to be directed to the weblink)**

<a href="#"><u>Lockdown Lectures (University of Manchester)</u></a>	Over the next few weeks, some of The University of Manchester's amazing researchers. From physicist Brian Cox to historian David Olusoga, will be going online to tell you about what inspired them to help change the world.
<a href="#"><u>Cambridge Year 11 Summer School (August 2020 Online only)</u></a> <b>Deadline for applications; 8<sup>th</sup> June</b>	3 Cambridge Colleges have just launched a summer school for Year 11 students. It is designed to encourage and advise students on their higher education options, and to help academically able students with their applications to Cambridge. This is a two year programme, and will support those selected for the Year 11 programme throughout their first year of sixth form and as they draw closer to making university applications
<a href="#"><u>Explore</u></a>	Explore is an innovative digital outreach portal from Oxford University As the 'Home of Big Questions' it aims to engage those from 11 to 18 years with debates and ideas that go beyond what is covered in the classroom. Big questions tackle complex ideas across a wide range of subjects and draw on the latest research undertaken at Oxford
<a href="#"><u>Chat to University Students</u></a>	.Many students from universities in June and July would be in attendance at Open Days held up and down the country to facilitate students in Year 11 and 12's questions about what studying at university is like. Due to lockdown measures this year- these are not taking place but UCAS has put this facility where you can filter courses and universities to 'buddy' up with current students and ask them the key questions instead
<a href="#"><u>City University' Virtual Open Day</u></a> <b>27/6/2020</b>	City's Virtual Open Day is a fantastic opportunity to find out more about their courses, the student experience and City, University of London as a whole. It will be held on 27 <sup>th</sup> June virtually between 10am-1pm

## Free Lectures this week : Top Quality Experts and Academics in Conversation

Date	Location and link	Details
Monday, 1 <sup>st</sup> June 6.30-7.30pm	<a href="#">How to Academy</a>	<b>How to cope with Anxiety</b> Jonny Benjamin has helped to transform mental health care in schools and young families. And his memoir <i>The Stranger on the Bridge</i> has been widely celebrated as remarkable testament to the resilience of the human spirit. This free livestreamed conversation between Jonny and Head Talks founder Oliver Chittenden will explore lessons for coping with anxiety in this turbulent and frightening time
Wednesday 3 <sup>rd</sup> June 6-7pm	<a href="#">Gresham College</a>	<b>The Growth Mindset and the Abundance Mentality</b> This talk will explore the “growth mindset”, the evidence-based view that talents are developed rather than genetic. It provides practical tips on how to develop new skills with limited time, and highlights the importance of pushing yourself outside your comfort zone.
Thursday 4 <sup>th</sup> June 6-7pm	<a href="#">Gresham College</a>	<b>Digital Healthcare : Will the Robot See you now?</b> What are the opportunities for using Information Technology to reduce the cost of healthcare? And what might our healthcare system look like in 10 years’ time if we make judicious investments in technology?
Thursday, 4 <sup>th</sup> June 6.30-7.30pm	<a href="#">How to Academy</a>	<b>Protecting Women from Dementia</b> It is never too late to take care of yourself. In this free livestreamed talk, Dr Lisa Mosconi presents ground-breaking science revealing how to protect the female brain from dementia

### Recommended Culture Opportunity of the week:

	<p><b>Pompeii / Vikings Live.</b> Seven years ago, the British Museum produced a lavish, live “cinema event”, from inside what would prove to be, with 471,000 visitors, its most popular exhibition of the decade: Life and Death in Pompeii and Herculaneum. You can watch this free here by clicking this link:</p> <p><a href="#">British Museum Pompeii Live</a></p>
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## UPCOMING VIRTUAL TALKS

Speakers for Schools is an organisation that brings leading experts and academics to the attention of state school children, they are excited to present their weekly VTalks schedule below! **To view anonymously, click on the Vtalk link in the schedule below and select: (Watch on the web instead > Join anonymously).**

### Tips on participating in the VTalk

**To access the talks, links should be opened in a browser that is not Internet Explorer and students should join the live event anonymously, there is no need to create a login.**

Further guidance on how to access talks can be [found here](#)

Questions for speakers can be submitted via the below channels:

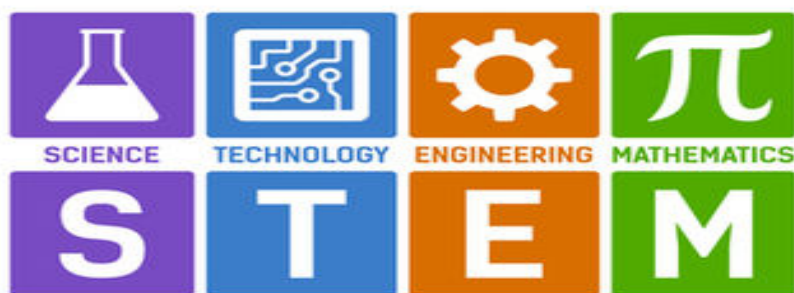
- Q+A Function during the talk which will be made live for students to submit questions
- Twitter: #SFSvtalk @speakers4schools
- Instagram: @speakers4schools

Any questions at all, please don't hesitate to contact the organisers on: [inspiration@speakersforschools.org](mailto:inspiration@speakersforschools.org)

## MONDAY, 1st – FRIDAY, 5th JUNE 2020 VTALKS SCHEDULE

DATE	SPEAKER	INFO
<b>Mon</b> <b>1<sup>st</sup> June</b> <b>10am</b> <a href="#">Add to calendar</a>	<b>Ann Cairns, Executive Vice Chair, Mastercard</b>  <b>WATCH LIVE TALK HERE</b>	In this interview, Ann Cairns will be asked about her top tips and advice for young people in preparing for their future careers.
<b>Mon</b> <b>1<sup>st</sup> June</b> <b>2pm</b> <a href="#">Add to calendar</a>	<b>Kev O'Sullivan, Creative Director, Fleishman Hillard Fishburn</b>  <b>WATCH LIVE TALK HERE</b>	What does it mean to work in the creative industries? How can young people develop their personal brand and reputation? Creative Director, Kev O'Sullivan will share his insights and answer student questions!
<b>Tues</b> <b>2<sup>nd</sup> June</b> <b>2pm</b> <a href="#">Add to calendar</a>	<b>Philippe Sands, Lawyer, Matrix Chambers &amp; Professor of International Law</b>  <b>WATCH LIVE TALK HERE</b>	The Ratline: hunting a Nazi, a story about love, lies and justice. In Philippe's VTalk he will discuss how he came across the story of his book and podcast, The Ratline. Students who are keen on learning more about this story or any budding historians should definitely watch!
<b>Wed</b> <b>3<sup>rd</sup> June</b> <b>10am</b> <a href="#">Add to calendar</a>	<b>Gisela Abbam, Chair, British Science Association</b>  <b>WATCH LIVE TALK HERE</b>	In recent times, the world has learnt that public health is vital for a functioning society. Gisela Abbam, Chair of the British Science Association will discuss with students why it is so important and how students can pursue careers in the health sector.
<b>Wed</b> <b>3<sup>rd</sup> June</b> <b>2pm</b> <a href="#">Add to calendar</a>	<b>Dan Connolly, Sports Marketing Executive, Consul Sports Club</b>  <b>WATCH LIVE TALK HERE</b>	Passionate about sports? Think you'd be a great marketer or what to know more about what they do? Tune in to Dan Connolly's VTalk to hear more about how he turned his passion into a career and what a career in Sports Marketing could be like.
<b>Thu</b> <b>4<sup>th</sup> June</b> <b>10am</b> <a href="#">Add to calendar</a>	<b>In collaboration with Penguin Talks: Elif Shafak, Author and Afua Hirsch, Writer, Journalist and Broadcaster</b>  <b>WATCH LIVE TALK HERE</b>	How to challenge inequality Award-winning British-Turkish novelist, Elif Shafak, joins writer, journalist and broadcaster, Afua Hirsch, to discuss the widening inequalities across the world how we can challenge them.
<b>Fri</b> <b>5<sup>th</sup> June</b> <b>10am</b> <a href="#">Add to calendar</a>	<b>John Vary, Futurologist, John Lewis Partnership</b>  <b>WATCH LIVE TALK HERE</b>	This session will focus on our life lessons and advice theme, John will discuss his own career journey and developing resilience. His session will also take a look at future trends and the work of a futurologist.





Over the next 12 Pages we focus on STEM (Science Technology Engineering Maths) resources which will hopefully equip over half our Intake with some wider insights into these subjects and potential Careers: Please scroll through this collage:

### Mathematics Websites

<p><b>The Maths Teacher</b> <a href="http://www.themathsteacher.com">www.themathsteacher.com</a></p> <p>A fantastic set of videos taking you step by step through A Level topics. Not only are the videos really well presented, but each one comes accompanied by a set of notes and questions for you to try complete with fully worked solutions.</p>
<p><b>Mr Hegarty Maths</b> <a href="http://mathswebsite.com/">http://mathswebsite.com/</a></p> <p>Another excellent collection of clearly presented videos which will undoubtedly help you with your revision. GCSE and A Level are covered and the videos are nicely broken down into topics.</p>
<p><b>Ask Nrich</b> <a href="http://www.nrich.maths.org">www.nrich.maths.org</a></p> <p>What a fantastic resource. This is a forum where you can submit any really annoying maths questions, and a Fellow student or Cambridge University fello will help you solve it. Two specific forums you might want are: <a href="#">Onwards and Upwards</a> - A Level. <a href="#">Nrich Talk</a> - Anything that isn't to do with maths</p>
<p><b>Corbett Maths</b> <a href="http://corbettmaths.com/">http://corbettmaths.com/</a></p> <p>An excellent website. This contains videos with practice questions (and answers).</p>
<p><b>CIMT Notes</b> <a href="#">A level</a></p> <p>If you are looking for some really good maths notes, worked examples, and exercises to practise those all Important maths skills,</p>
<p><b>Maths Guru</b> <a href="http://www.mathsguru.co.uk/">www.mathsguru.co.uk/</a></p> <p>You must pay to access many of the A Level materials, but the sixth form worksheets are free, with answers,</p>
<p><b>Interactive Maths</b> <a href="http://www.intmath.com">www.intmath.com</a></p> <p>If you are looking for some extra material to help you fine tune those A level maths skills, then this website might just be for you. It is also one of the few websites around that is particularly good for Further Maths.</p>

**Math Centre**[www.mathscentre.ac.uk](http://www.mathscentre.ac.uk)

For A Level Maths, this website is simply brilliant. Pick the topic you need help on from the menu on the left, and then watch all the resources appear.

**Exam Solutions**[www.examsolutions.co.uk](http://www.examsolutions.co.uk)

This nice website offers free specimen A level exam papers with written and video solutions to help with your revision. Should you wish to try some more papers, then you need to pay, but if this style of revision works for you then it might be a worthwhile investment. There is also a pretty good maths forum for A Level students to ask questions and help each other.

**Waldo Maths**[www.waldomaths.com](http://www.waldomaths.com)

How about something a bit different! This wonderful site has lots of fancy applets that allow you to revise topics interactively. You can drag shapes and graphs, move them around, and see what happens.

**Maths Bank**[www.mathsbank.co.uk](http://www.mathsbank.co.uk)

A lovely website which allows you to find notes and randomly generated questions on pretty much every A Level module. And once you have had a go at the question, you are taken through a step-by-step solution.

**Mr Barton Maths**[www.mrbartonmaths.com](http://www.mrbartonmaths.com)**Further Links to build up your wider Maths Skills**

Below are a list of sites that have either interesting maths articles or problems / puzzles that can be solved on line. Ever wondered how you can cut a cake into eight equal pieces with just three straight cuts? Explore these sites and see what other things you can find about the world of mathematics

<https://en.wikipedia.org/wiki/Portal:Mathematics>

<https://brilliant.org/>

<https://plus.maths.org/content/> (Recommended!)

<https://mathschallenge.net/>

<http://chalkdustmagazine.com/>

<https://www.cut-the-knot.org/>

<http://www.qbyte.org/puzzles/>

<https://mathigon.org/courses#recreational>

<http://mathshistory.st-andrews.ac.uk/>

<https://www.wolframalpha.com/>

<https://ima.org.uk/support/student/e16plus-newsletter/>

<https://www.thecalculatorsite.com/articles/units/fascinating-maths-facts.php>

## Online Stem courses:

Click the link to see a selection of STEM related courses that can be done online to broaden your understanding of maths in the real world –

[https://www.futurelearn.com/courses?filter\\_category=14&filter\\_course\\_type=open&filter\\_availability=started&all\\_courses=1](https://www.futurelearn.com/courses?filter_category=14&filter_course_type=open&filter_availability=started&all_courses=1)

## You Tube:

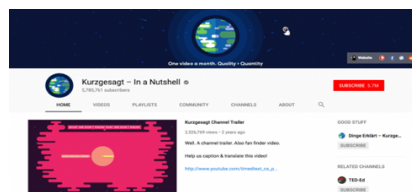
Numberphile is a fascinating look at some interesting problems or mathematical theorems. Uploaded on a regular basis you will always find something to capture your imagination. Many are presented by Matt Parker an Australian maths teacher / Comedian.

<https://www.youtube.com/user/numberphile>

<https://www.youtube.com/user/standupmaths>

## Best Science YouTube Channels

### Kurzgesagt – In a Nutshell



Kurzgesagt explains complex topics from the fields of space, technology, biology, physics, and society in a simple, funny and accessible way. [Check out the science videos](#)

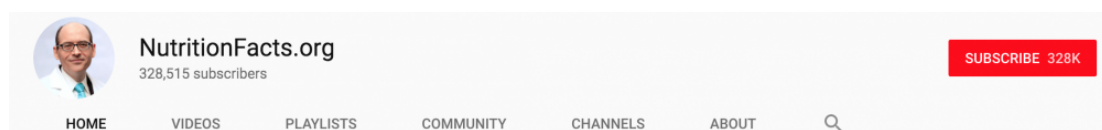
### Sick Science



Spangler is probably best known for his Mentos and Diet Coke geyser experiment that went viral.

[Check out the science videos](#)

### Nutrition Facts



There are diets proven to not only prevent and treat but reverse our #1 killer, heart disease, along with other diseases such as type 2 diabetes. [Check out the science videos](#)

## World Science Festival

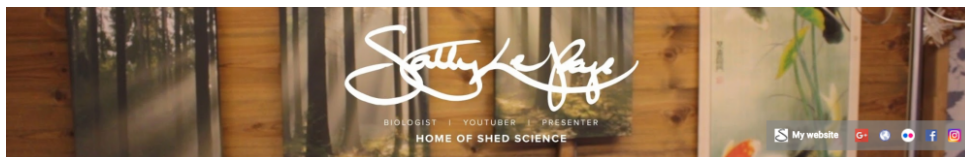


The World Science Festival gathers great minds in science and the arts to produce content that allows a broad general audience to engage with scientific discoveries [Check out the science videos](#)  
[Science Geeks](#)



Science? Who cares? You should! Join the Science Geeks as Mark's genetically engineered Geeks sacrifice themselves in the name of secondary education.

## Sally Le Page

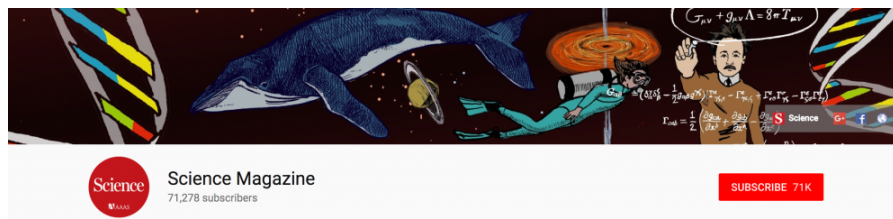


Sally is on a mission to bring science further into popular culture by producing engaging and often hilarious science videos to help you better understand why things happen.

## Home Science :

You'll find a plethora of amazing science experiments, cool chemical reactions and optical illusions that'll make you question everything you thought was impossible! [Check out the science experiment videos](#)

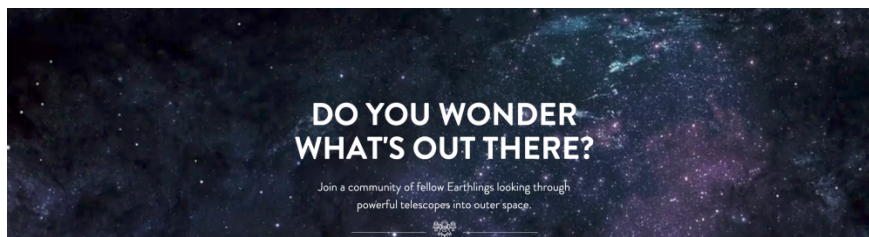
## Science Magazine Videos



You'll find all the latest videos from the wonderful people at Science magazine, the world's leading platform for discovering cutting-edge research and cool science news. [Check out the science news videos](#)

### [Best Science Websites and Podcasts](#)

#### Slooh



Slooh offers a one-of-a-kind experience for students to learn to explore space. [Visit the website](#)



#### [ABPI Careers Guidance](#)

Thinking of a career in the pharmaceutical industry? Want to find out? Visit the Association of the British Pharmaceutical Industry careers guidance page.



#### [Why do scientists?](#)

A website developed by Keele University to help non-scientists, or students embarking on a career in science, to understand "the scientific mind-set".

#### [Out & About with Industry](#)

An index of industrial museums in the UK



#### [Isaac Physics](#)

Isaac Physics a project designed to offer support and activities in physics problem solving to teachers and students from GCSE level through to university.





### [European Southern Observatory](#)

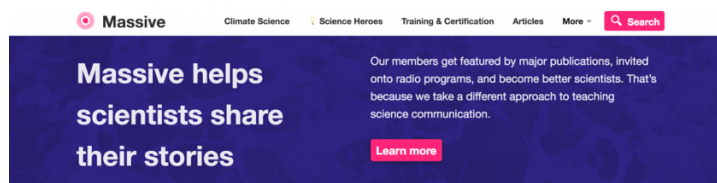
ESO builds and operates a suite of the world's most advanced ground-based astronomical telescopes. It is a huge source of information and images for the public and schools.



### [Mosaic](#)

Mosaic is dedicated to exploring the science of life. Each week, Mosaic publishes a feature on an aspect of biology or medicine that affects our lives, our health or our society.

### Massive



Massive takes the science that's happening in academic journals and makes it easy for anyone to access and understand. [Visit the website](#)

### The Naked Scientists Podcast



Award-winning science podcasts and science radio shows

. Delivered in a light and humorous style by a team of scientists and doctors, the content is hard-hitting, but suitable for all ages and refreshingly lacking in lab jargon. **Check it out!**

### [Popular Science](#)

The future is going to be better, and science and technology are the driving forces - Popular science is here to tell the stories of those making it possible.

### [Cool Science Experiments](#)



Cool Science Experiments HQ is designed to make science fun, easy to teach and exciting to learn.

## [Planetary Society](#)



Bill Nye is on a mission to empower everyone, so we can collectively advance space exploration and the wonderful science that makes it possible.

## [Science News For Students](#)



Science News for Students was born 15 years ago, and since then has won countless awards for its dedication to providing age-appropriate, topical science news to learners.

## [Astronomy Now](#)

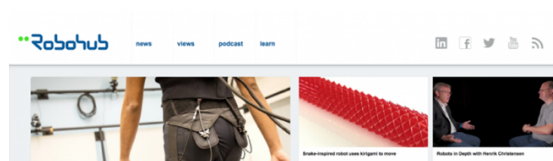


The website explores every fascinating facet of astronomy, from shiny new discoveries to the latest news.

## **Cool Science Projects**

This website is great for those of you considering getting started with a science project, but just don't know where to start! [Check out the website](#)

## [Robohub](#)



From cool discoveries like new brain-computer interfaces that make us question whether Black Mirror is real, to expert opinions and mind-blowing podcasts and interviews,

### [Earth Times](#)



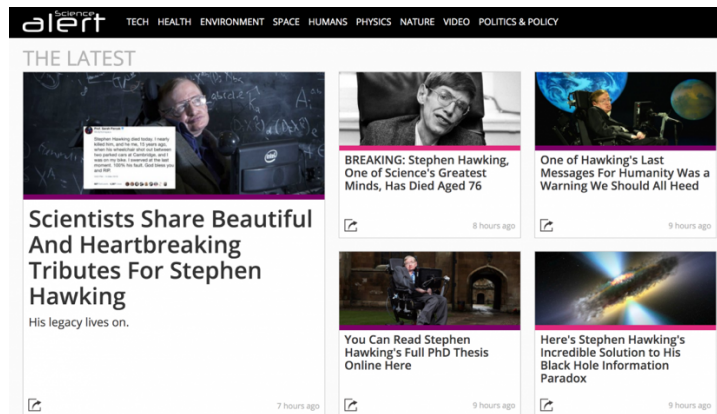
Earth Times is an online newspaper that brings you all the latest information on our planet, and all ground-breaking environmental news as it happens.

### [IFL Science](#)



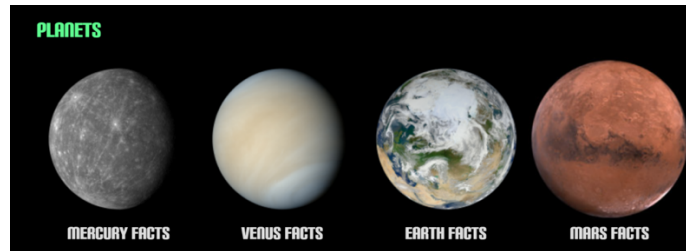
These guys are here to give you a hefty dose of funny science you never knew you needed.

### [Science Alert](#)



A team of scientists and content curators work to share the most inspiring news with the world through Science Alert.

### [Space Facts](#)



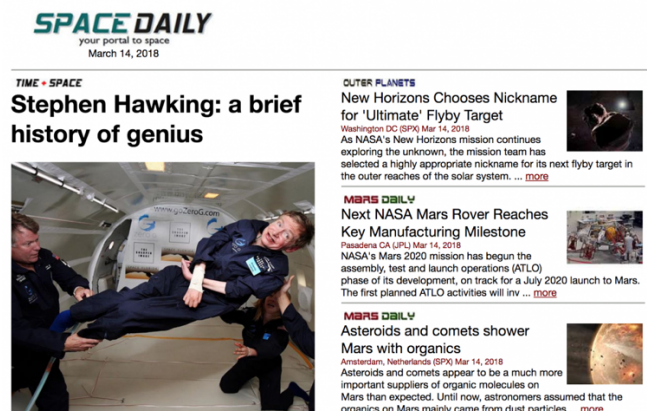
An online fact frenzy with everything you wish you already knew about planets, galaxies and fascinating occurrences and discoveries in the solar system.

### [How Stuff Works](#)



HowStuffWorks has quickly grown into an award-winning hub of fascinating, easy-to-understand answers to those burning questions about how the world actually works, along with awesome explanations.

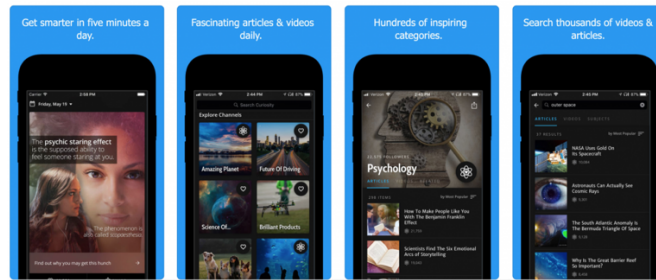
### [Space Daily](#)



. With regular updates from Space Daily, the cosmos has never seemed so close to home!

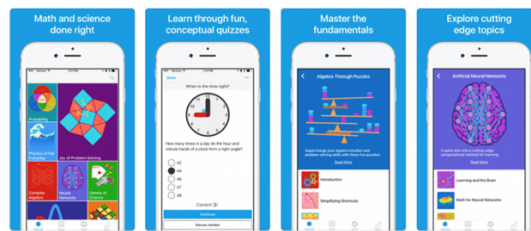
### [Best Science Apps](#)

### [Curiosity](#)



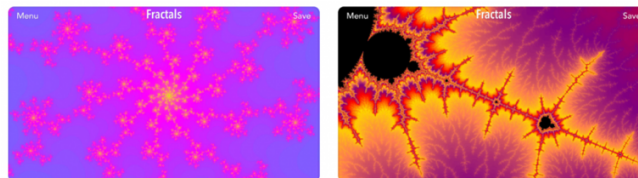
Why do people sneeze in sunlight? Curiosity answers the questions you never knew to ask and digs into the things you've always wondered about. **Download Now:** [Apple](#), [Android](#)

[Brilliant](#)



Brilliant kindles your curiosity through intriguing applications and illuminates the heart of math, science, and engineering: problem-solving.

**Fractals**



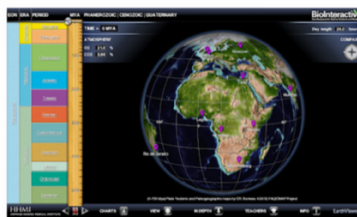
Fractals allows students to explore the wonderful world of fractals **Download Now:** [Apple](#)

**Pocket Universe**



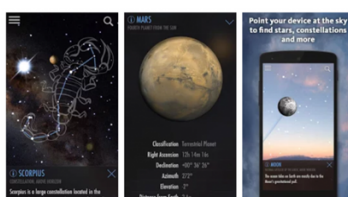
Pocket Universe brings Space right down to Earth. **Download Now:** [Apple](#)

[BioInteractive EarthViewer](#)



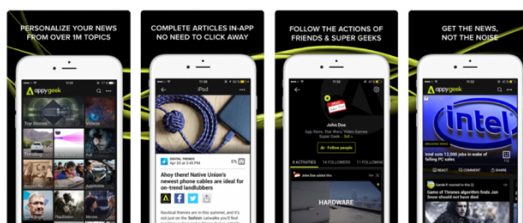
Ever wondered what the Earth looked like a million years ago? 100 million years? What about 1 billion years ago?

[Sky View](#)



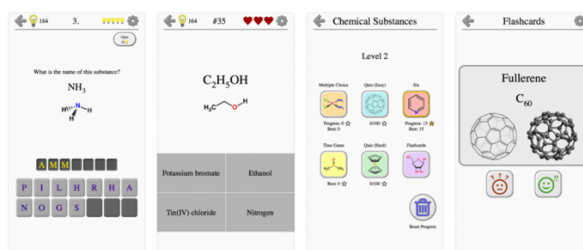
Simply point your device at the sky and Sky View will show you when and where the planets, the Sun, and the Moon will be at any time on any date.

[Appy Geek - Tech News](#)



This app is here for you to stay up to date with all the latest gadgets, tech news and exciting advancements that could change our lives as we know them!

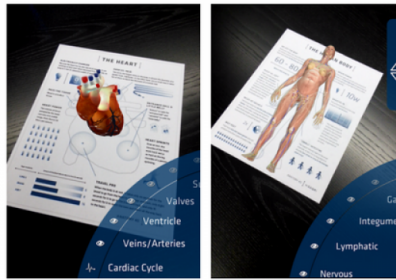
[Chemical Substances: Chem-Quiz](#)



It is a perfect app for every student preparing for chemistry classes, research or exams.

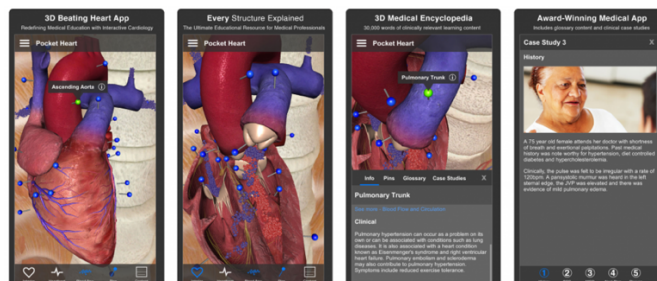
[Anatomy 4D](#)





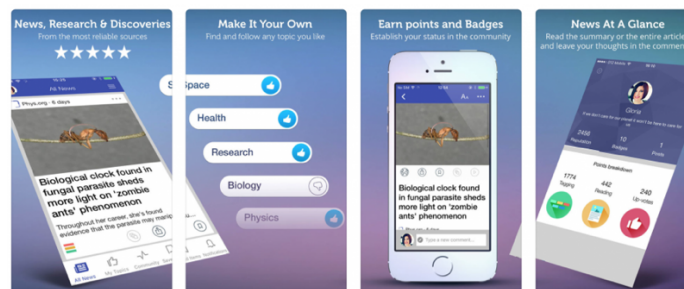
This free app is fantastic not only if you study biology, but even if you have a basic interest in how the human body functions.

### [Pocket Heart](#)



Pocket Heart is the most incredible 3D Beating Heart App.

### [Science News & Discoveries](#)



Read new discoveries, research, interesting interviews and studies.

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**In our next bulletin (8<sup>th</sup> June), We will look at Volunteering and Studying Humanities**