



## WHATS ON AT STEAM CLUB:

### COSMETICS CHEMISTRY (from 20/01/22 | yrs 7 & 8)

Mr Trussell will run the final Cosmetics Chemistry sessions on making shampoo. The bath bomb factory produced some lush products!

### HEROIC HYDOPONICS (from 18/01/22 yrs 9 & 10)

Dr Bourne will kick start our 2022 program with an innovative project that will bring together science, engineering, sustainability and enterprise.

### ALAN TURING CRYPTOGRAPHY (from 18/02/22 all welcome).

Cracking codes and solving siphers. Tuesday lunchtimes with the Maths Prefects.

### IRIS CARBON AUDIT (YEAR 10 working group)

### COMING UP

### ROGUE ROBOTICS (from 21/02/21) OSH lab)

Mr Connolly is rebooting robotics - construct and code your own rogue robot.

### MINI ATTENBOROUGH MAGIC (start tbc)

Ms Viaz is planning a science social media frenzy; exploring the coolest ways to communicate science.

Contact Dr Price to find out about getting involved in STEAM CLUB. ([claire.price@fhs-sw1.org.uk](mailto:claire.price@fhs-sw1.org.uk)).



## SCIENCE NEWS:

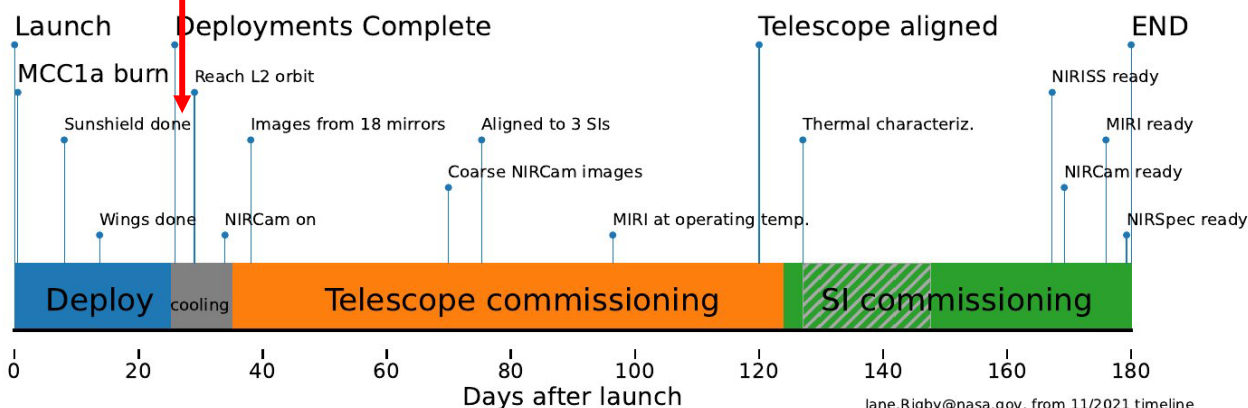


### [FOLLOW THE JAMES WEBB TELESCOPE HERE](#)

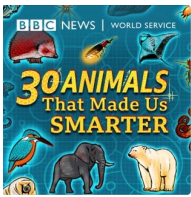


The James Webb Space Telescope (JWST) was launched on Christmas Day 2021. It is optimised for making infrared observations in order to study the origin and evolution of galaxies, stars and planetary systems and is designed to look further back in space and time than the Hubble Space Telescope. It is a massive international project, decades in the making involving NASA, the European Space Agency and the Canadian Space Agency. It's so big it's got it has a dedicated YouTube Channel, follow it's 1.5 million Km journey here.

### WE ARE HERE



## SCIENCE LECTURES & PODCASTS:



[WHAT'S ON AT THE R.I.](#) Discover the full program here →



Interested in a career in the Green Economy ? When 18/03/22 Ages 13+

The growing use of new battery technologies will be at the heart of meeting the challenges facing the world today: climate change, the need for clean and abundant energy supplies, limited natural sources, air pollution and sustainable, high-quality jobs. Join researchers working with the Faraday Institution to find out how we are tackling this problem right now, making an impact by delivering breakthroughs in battery research in the global race to electrification.



Whatever your interest: chemistry, computing, engineering, materials science or law, find out how there could be an interesting job for you in the green economy of the future. Try out a range of activities and demonstrations run by the Ri, Faraday Institution and a number of other companies and university groups giving you the chance to meet and talk to experts and specialists as well as people just starting out in this field.



## Sixth Form:

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## [MOOCs @ YORK UNIVERSITY](#)



## [SIXTH FORM SCIENCE LECTURES @ UCL](#)



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If you are interested in life sciences, chemistry, engineering, physics, computer science, sustainability, aerospace, built environment, tech or maths this course has something for you. With specially developed content and live sessions from universities including Cambridge, Sheffield, Lancaster, Abertay, Coventry, UCL, Imperial, Oxford, Liverpool, Birmingham ...and more!

## Free online MOOCs

Designed by York academics, our Massive Open Online Courses (MOOCs) are free and open to everyone. Engage with university-level study, explore a new subject area or prepare for higher education.

## UCL Spring Lecture series, coming soon...

Lectures are held online using Zoom through the Zoom App or via your browser. Use Eventbrite to book. Lectures start at 6:30pm on Friday evenings as they always have, and will last approx one hour