

# Crompton House Futures Newsletter

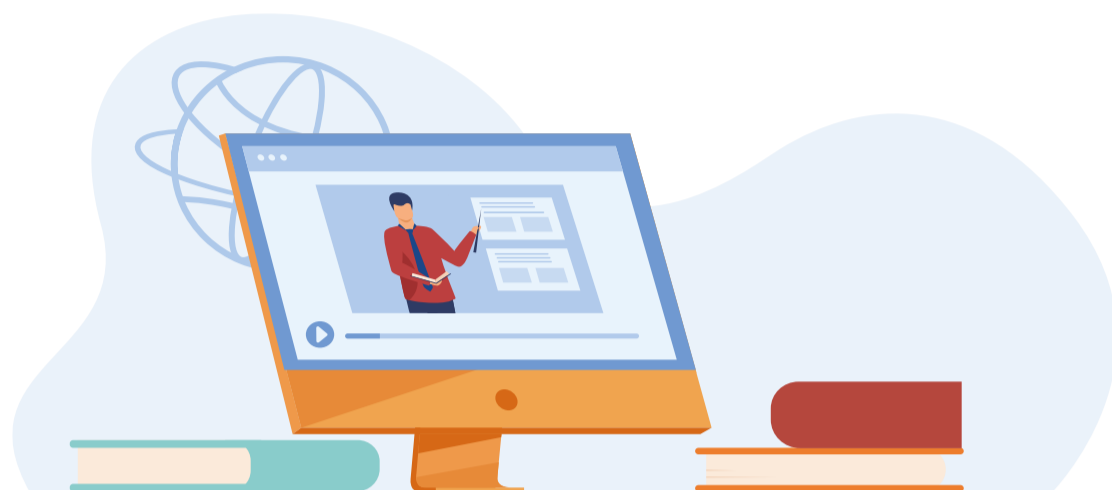
Number 1 - Autumn 2020

At Crompton House we strive to achieve the best outcomes for all our learners by ensuring they get the support they need to make well informed, realistic decisions about their future.

## Introduction

Welcome to the first issue of the Crompton House INSPIRING FUTURES NEWSLETTER.

Once a half-term we aim to keep you up to date with what is happening both in school regarding our Futures (Careers) Curriculum and opportunities available externally to help build awareness of the world of work.



## Opportunities

Tomorrow's Engineers Week (#TEWeek20) highlights to young people that engineering is a creative, problem solving, exciting career that improves the world around us. This year, there is the **Tomorrow's Engineers Week Big Quiz** to help engage young people to consider a career in engineering with a prize fund available for schools to spend on STEM accessories/equipment. To find out more visit [www.tomorrowsengineers.org.uk/teweek](http://www.tomorrowsengineers.org.uk/teweek)

BeTheDifference is a celebration of the engineering that shapes our world for the better, whether that's by making our day to day lives easier or tackling some of our biggest global challenges.

Join an online Q&A on Wednesday 4 November with 2 engineers each session who will answer students questions.

9.15am - How technology is changing the way we communicate

10.15am - How to respond to a global health crisis

11.15am - How to get into engineering

1.45pm – Engineering sport

2.45pm - How to engineer a sustainable world

To take part visit <https://www.raeng.org.uk/events/online-events/this-is-engineering-day-2020>

## Apprenticeships

**GMACS**  
Inspire. Explore. Apply.

About Events GM Sectors Schools Parents & Carers Employers



All you need to know about local opportunities.

Sign up and find out more: <https://gmacs.co.uk/apprenticeships>

## KS5 – Years 12 - 13

Our Virtual Sixth Form Open Evening took place on Tuesday 6<sup>th</sup> Oct. If any Yr11's who are considering Crompton House and were not able to make it please go to our Sixth Form website to see videos, collect information and get an application form. [sixthform@cromptonhouse.org](mailto:sixthform@cromptonhouse.org).



Our Year 13's are currently completing UCAS university applications. Potential Medics have also completed their BioMed. exams.

Oxbridge tests are early November.



A new Sixth Form Academic Tutor group has been created this year for those intent on following the apprenticeship route. Mr Ashworth is leading this.



## KS3 – Years 7 - 9

**Options** – after half term (12<sup>th</sup> November) we shall be holding a Parents Information Evening for parents of Yr9 students. This is to explain the process and the information which will help their sons/daughters to make informed options choices for their GCSE's. There will also be an assembly for the students to cover the basics of the programme.

## Work Related Learning

This is not a new course as it has been on the timetable for some years – it has however been completely revamped and made totally relevant to the skills needed and employment patterns of the current and future job market. Mr Ashworth is leading on this.

## KS4 – Years 10 - 11

Our Independent Careers Advisor (Adele Fraser) from Positive Steps – is in school 3 days a week. She is currently holding interviews with all Yr11 students about destination opportunities at the end of the year whether that be Crompton House Sixth form or other alternatives. Advice is given impartially and is usually an important step in understanding what is available.

## WEX

Students & Positive Steps are working to place our Yr11 cohort on real work experience placements in December. In the current work climate we are also developing a virtual offer to allow any who cannot be placed out of school, quality a better understanding of the world of work.

## (Staff Employment Profile)

**Name Mr Banks – Assistant Head & SLE.**

**Degree from Bristol & PGCE from Durham**  
**Previous employment before teaching –** Customer Services at a Builders Merchant / Garden Centre, Play Leader, Food Factory then Industrial Bakery machine operative. Voluntary Teaching Assistant. Barman.

**Teaching –** Geography & PE in Coventry & Wolverhampton. Head of Department & AST in Bolton.

## Subject Profile

### Science career misconceptions

If the media has taught us anything, it's that all scientists are crazy. They permanently wear lab coats, have outrageously dishevelled hair and are rather partial to holding a test tube or two. Their jobs only involve doing bizarre and pointless experiments, like cloning sheep or creating crunchy and chocolatey breakfast cereals.

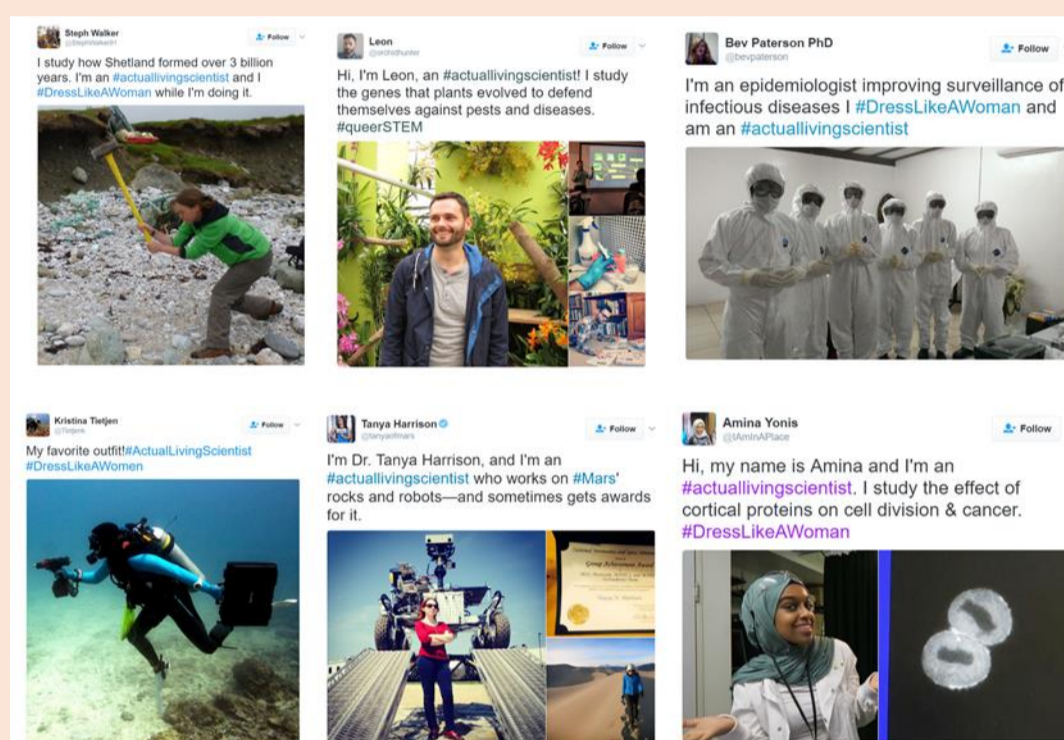
Yeah, okay, you probably didn't think that all careers in science are actually like that. However, you might have heard that all scientific careers involve working in silence in laboratories, whilst you inject things into petri dishes, peer through microscopes and check the acidity of various liquids.

Sure, lab work is common in scientific jobs, but these careers are definitely not routine, boring and pointless. In fact, these careers are some of the most varied, important and challenging jobs in the world. This sector covers so many fascinating career disciplines, so before you make the decision to get into science, you should firstly discover what it's really all about.

### Science career realities

It's all about innovation, discovery and research. It's all about trying things, doing experiments and making exhilarating scientific breakthroughs. It's all about doing things that nobody else has ever done before. It's all about improving people's lives, improving commercial enterprises and developing our knowledge and understanding of people, nature, the world and the universe.

Jobs in this sector stretch across so many different fascinating areas. If you thought that the differences between chemistry, physics, biology and maths were complex enough, then you're in for a shock. Thousands of specialisms exist, from astrophysics and marine biology to zoological sciences and pharmacology. To follow a scientific career path you are most likely going to have to be highly intelligent, logical, ambitious and (most importantly) passionate about your chosen subject.



Find out more about Futures in Science

<https://www.allaboutcareers.com/careers/industry/science>

Find more real life examples at;

**#actuallivingscientist**

## Crompton House Alumni – job profile

We think it is interesting to see what past students have experienced at different points in their employment journeys.

Below is a portrait of job one of our Crompton House Alumni had as an early career move.

# Employment

**Career name:** Science Communicator

**Average salary:** £20,000

**What does the job involve?** Explaining scientific ideas to people – this could be members of the public at a museum or other event or it could be by visiting a school to speak to students.

**Qualifications needed:** \_\_\_\_ It is useful to have some kind of science-based degree, but this could be in any type of science. Sometimes science communicators have other qualifications, including teaching qualifications.

**Skills required:** It is really important to have good communication skills – you have to be able to talk to people of any age or background. You need to be confident and have a good understanding of the scientific ideas you are explaining. As a science communicator you often have to travel to different cities around the country, so it makes it easier if you can drive – sometimes you have lots of equipment you need to take with you.

**Helpful personal characteristics:** You need to be willing to learn new things. Being friendly and able to talk people you don't know (even if this is scary) is really important too.

## Parent profile

We would absolutely love to hear from any current parent/carer in terms of your employment history or maybe information about just one job you have had that you think students may be interested in.

If you would like to send in a short piece (can be named or anonymous when distributed) please email [j.banks@cromptonhouse.org](mailto:j.banks@cromptonhouse.org)

# Fact File

