

## Accelerate

### Chemical Engineering Challenge 21st to 25<sup>th</sup> June 2021

Accelerate is a one-week programme, held at the University of Strathclyde, for pupils at the end of S4 and S5. It aims to provide a targeted focus on the pupils' chosen area of academic interest, giving them a head start on the road to their chosen career.

There are five areas that you can choose from in 2021, depending on your career aspirations:

- **Chemistry**
- **Chemical Engineering**
- **Computer Science**
- **Electronic & Electronic Engineering**
- **Product Design**

Teams of academic experts have put together week-long Challenges in each of these areas that will allow pupils to find out all about their area of interest and the career opportunities open to them. Led by undergraduate and postgraduate student mentors from the relevant fields, pupils will undertake a variety of group challenges, as well as attending career workshops and getting a chance to see what student life is like.

Accelerate 2021 will be run virtually on Microsoft Teams.

#### **The Chemical Engineering Challenge: Outline**

The Department of Chemical and Process Engineering (CPE) at the University of Strathclyde will be hosting a challenge for up to 25 pupils.

The CPE Challenge will give you a taste of what chemical and process engineering is all about and how it affects so many areas of our lives.

You will find out how we use chemical engineering processes in the distilling industry, water treatment, carbon capture technologies, and environmental sustainability. Through at-home practical experiments, the challenge will explore sustainable materials and synthesising bioplastics. Through this programme, you'll find out how diverse the chemical sciences can be.



You will also have the opportunity to chat with current students about their experiences and learn about the types of careers you could get involved in by studying this subject. A team of student mentor and University staff from the CPE department will guide you throughout the week. They'll be on-hand as a resource of information and advice throughout the challenge.

Web: <https://www.strath.ac.uk/engineering/chemicalprocessengineering/>

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The Chemical Engineering Challenge is new for 2021.

For further info, visit:

<https://www.strath.ac.uk/professionalservices/sees/wideningaccess/gettingready/accelerate/>  
or contact us at [accelerate-programme@strath.ac.uk](mailto:accelerate-programme@strath.ac.uk)

