

These activities will help students to think about careers related to chemistry as well as helping schools / colleges to meet Gatsby Benchmark 4

Meets specifications: AQA: 4.10 OCR: C6 Edexcel: Topics 4, 7 and 9

## Jobs in the chemical industry

1

Discuss jobs in the chemical industry and show video [Day in the life of a Graduate Analytical Chemist](#)  
Students could be given time to research different jobs & careers related to chemistry

2

Discuss university degree courses linked to chemistry and show video of [Matthew studying Chemistry at the University of Oxford](#)  
Students could be given time to research different courses related to chemistry

3

Discuss [apprenticeships](#) in the chemical industry that include lab technicians and lab scientists.  
Explain that there are different levels of apprenticeship & that higher apprenticeships end up leading to a similar level qualification to a university degree.

4

For higher level students you can introduce the idea of [MOOCs](#) (free, online courses) that can help a student decide if studying a higher level course is suitable. There are many different topics to choose from:  
e.g. [Exploring everyday chemistry](#) —developed by the University of York

5

Introduce the students to TED talks as these will help the students to decide if learning about chemistry at university is something they would like to pursue. There are many relevant talks related to [chemistry](#) topics  
This one is particularly good when teaching about the environment: [How pollution is changing the ocean's chemistry](#)

6

**Homework Activity:** Students could spend more time researching jobs / courses related to chemistry by using [Careerpilot](#) and feedback next lesson any that they are interested in.

For more information on careers linked to chemistry go to:

<https://www.careerpilot.org.uk/job-sectors/subject/chemistry>

