

Year 11 Chemistry



Reading Tasks

Brave New World by Aldous Huxley

This outstanding work of literature is more crucial and relevant today than ever before. Cloning, feel-good drugs, anti-aging programs, and total social control through politics, programming, and media: has Aldous Huxley accurately predicted our future? With a storyteller's genius, he weaves these ethical controversies in a compelling narrative.



Listening Tasks

The audio magazine of **WACKER** shows the many exciting roles chemistry plays in everyday life. Each instalment will give you interesting insights into how chemistry ensures perfectly functioning products in all areas of life. Whether it is drugs, computers, cleaning agents, clothing or toys - WACKER products play a vital role almost everywhere.

More: www.wacker.com/podcast

What If?: Serious Scientific Answer to Absurd Hypothetical Questions by Randall Munroe

From the creator of the wildly popular xkcd.com, this book offers hilarious and informative answers to important questions you probably never thought to ask.

Flash forward - apple podcasts on the bizarre and wonderful questions you've always wanted to ask.

It is a show about possible (and not so possible) future scenarios. What would the warranty on a sex robot look like? How would diplomacy work if we couldn't lie? Could there ever be a faecal transplant black market?



Research Tasks

The Covid-19 pandemic has had a massive impact on the world but it has also led to many advances in research into viral diseases as scientists all over the world have collaborated in order to help reduce fatalities.

Research the medical advances that have occurred because of the pandemic and how this could benefit future generations.

Make a labelled model atom showing the correct number of subatomic particles for the element you choose. Including labels.

[Imperial College summer school](#) - keep a lookout on their website.

Attending summer school is a great way to discover what it is like to study at Imperial and what life is like as a student in London.

Create your own podcast on an area of Chemistry you are interested in.



Creativity Tasks

Write a newspaper article to explain how photosynthesis was the chemical reaction that led to animal life being possible.

Write a bid to fund some medical research of your choice to prospective donors, whom you need to persuade to contribute a large amount of money to assist your project.



Writing Tasks



Watching Tasks




Trips and Visits

BBC - [Green planet](#)

Dive into a world where a single life can last a thousand years, with David Attenborough. See things no eye has ever seen, and discover the dramatic, beautiful plant life of Earth.

Interested in [becoming a medic](#)? take a look at this website for info on volunteering and exams.

 [Crash Course Chemistry Preview!](#)

Watch these out of curiosity. A wise man once said “you never learn something as profoundly as when it’s purely from curiosity”.

Creative activities inspired by the [wellcome trust](#) collection

