

Anglo European Sixth Form

Summer Transition Work

Subject: A level Chemistry

Exam Board: OCR

Qualification: A level Chemistry A H432

Compulsory tasks:

*These tasks must be completed by students before their first lesson in September.
These tasks will be reviewed by the class teacher.*

Work through the booklet “Compulsory Chemistry booklet for pre- A level and IB”, answering every question. Bring your work to hand in to your teacher in your first Chemistry lesson.

You will need to plot a graph. If you do not have graph paper, please ask at the Induction Day or download a printable from <https://www.creativecenter.brother/en-gb/home/home-category/learning-activities/organization-tools/graph-paper-1mm> or <https://mathsphere.co.uk/resources/MathSphereFreeGraphPaper.htm>

Advisory tasks:

These tasks will support you to excel in the course. They may not be explicitly reviewed by your teachers, but they will allow students to demonstrate a genuine passion for going “above and beyond” in this subject

You could make a start on A level Chemistry content using this Seneca assignment <https://app.senecalearning.com/dashboard/class/1qrixj9a7w/assignments/assignment/a212b4cb-c97f-431d-870e-31b724882a1f>

Feed your chemical curiosity by exploring some wider reading:

- **Catalyst magazine** <https://catalyst-magazine.org/> including the archive
- **What is Chemistry? by Peter Atkins**
In this book, Peter Atkins discusses the contribution of chemistry to society, some of the major historical achievements of chemistry, and explores the fundamental concepts of chemistry in a way that is very accessible to chemists and non-chemists alike.
 - **And also:**
 - The Pleasure of Finding Things Out - Richard Feynman
 - Periodic Tales - Hugh Aldersey-Williams
 - The Disappearing Spoon - Sam Kean
 - Uncle Tungsten - Oliver Sachs