

## **Anglo European Sixth Form**

### **Summer Transition Work**

**Subject: IB Chemistry Higher and Standard level**

**Exam Board: IB**

**Qualification: IB HL Chemistry, IB SL Chemistry**

#### **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 IB Chemistry content using this Seneca assignment <https://app.senecalearning.com/dashboard/class/1qrixj9a7w/assignments/assignment/45f6a2f4-3cc6-4c11-a37d-12adc3f11528>

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