**Year 11 into Year 12 Chemistry summer work**

**Please bring all completed work to hand in during your first lesson in September.**

1. **Head Start to A-Level Chemistry CGP book**

* Read each section, making notes on any topics you did not cover at GCSE or that you find challenging.
* Answer the questions at the bottom of every page to check your understanding.
* Self-assess using the answers at the back of the book.

1. **Chemistry GCSE to A Level progression: Student transition activities**

* Using the attached booklet, answer the questions on lined paper.

1. **OPTIONAL:**

Choose one of the following texts to read and expand your chemical horizons! You could produce a short book review of no more than 300 words.

* + The disappearing spoon and other extraordinary true tales from the periodic table by Sam Kean
  + Nobel Prize Women in Science: Their Lives, Struggles, and Momentous Discoveries by Sharon Bertsch McGrayne
  + Why chemical reactions happen by Sam Keeler
  + Invisible Women: Data Bias in a World Designed for Men by Caroline Criado Pérez
  + The Science of Everyday Life: Why Teapots Dribble, Toast Burns and Light Bulbs Shine by Marty Jopson
  + Inferior: How Science Got Women Wrong—and the New Research That's Rewriting the Story by Angela Saini
  + Periodic tales: The curious lives of the elements by Hugh Aldersey-Williams
  + Dorothy Hodgkin: A Life by Georgina Ferry
  + CHEMISTRY - A Very Short Introduction by Peter Atkins
  + Lessons in Chemistry by Bonnie Garmus