

**St Aidan's and St John Fisher Associated Sixth Form**

**Y11 to Y12 Transition Work**

**Subject:**

Chemistry

**Topic(s):**

- Fundamental concepts encountered in GCSE and overlapping into first topic at A Level (atoms, ions, bonding, equilibria, energy).
- GCSE Multiple choice questions covering fundamental assumed knowledge to employ from GCSE, at A Level.
- Mathematical skills required at A Level.

**Independent Learning Task(s) to Complete:**

- MCQs A, B, C, D, E, F (multiple choice questions)
- OCR GCSE to A Level Transition (information and question pack)
- Standard form and Significant Figures (question sheet)
- The Avogadro Constant (question sheet)

**How it links to the Specification:**

All tasks directly link into the first module studied in A Level Chemistry, not only in a preparatory manner, but also in covering actual specification points.

**Resources (include any hyperlinks):**

- MCQ question sheets
- OCR GCSE to A Level Transition (information and question pack)
- Standard form and Significant Figures (question sheet)
- The Avogadro Constant (question sheet)

**Additional Information:**

Completed work should be brought by students to their first Chemistry lesson. Any questions students may have based on this work should be highlighted and brought to the attention of the Chemistry teacher.

**Deadline:**

Thursday 9 September 2021