

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

**Y11 to Y12 Transition Work**

**Subject:**

Applied Science

**Topic(s):**

- Fundamental concepts encountered in GCSE and overlapping Unit 1 (Biology – cells, Chemistry – atoms, ions, energy, bonding, Physics – (energy, force, electricity)
- Mathematical skills required at Level 3 Standard.

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

- Biology, Chemistry, Physics Summer work (3 x 60 mark question sets)
- Biology – read through PowerPoints and complete associated worksheets (7 worksheets)
- Chemistry - Standard form and Significant Figures (question sheet)
- Physics – Using SI Units

**How it links to the Specification:**

All tasks directly link Unit 1 of L3 Applied General Science, not only in a preparatory manner, but also in covering actual specification points.

**Resources (include any hyperlinks):**

- Biology, Chemistry, Physics Summer work (3 x 60 mark question sets)
- 7 x worksheets, 11 x PowerPoint presentations
- Standard form and Significant Figures (question sheet)
- Using SI units (question sheet)

**Additional Information:**

Completed work should be brought by students to their first Applied Science lesson (Biology work to Biology lesson etc). Any questions students may have based on this work should be highlighted and brought to the attention of their teacher.

**Deadline:**

Thursday 8 September 2022