



6th Form 2025 Summer Transition Work

SUBJECT:	Biology
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In the first year, students will complete four topics: "Biological Molecules", "Cells", "Organisms exchange substances with their environment" and "Genetic information, variation and relationship between organisms". These four topics give a solid grounding in biology. Over the year, students will carry out at least six practical investigations. Year two helps students to build on the knowledge and skills learnt in year one. They will study four further topics: "Energy transfers in and between organisms", "Organisms respond to changes in their internal and external environments", "Genetics, populations, evolution and ecosystems" and "The control of gene expression". Within these topics students will complete a further six practical investigations. To gain an A-level qualification, students will have three examinations at the end of year 13: paper 1 will cover any content from topics 1-4, paper 2 will cover any content in topics 5-8 and paper 3 will cover any content from topics 1-8. All papers are 2 hours long and 15% of the marks for each paper will assess practical skills.

Listed below are the pre-reading and preparatory tasks you should complete prior to commencing your 6th form course. These tasks are designed to help you transition smoothly and succeed academically and personally in your new environment.

Task	Resources or Guidance
<i>Complete Seneca sections "Biological Molecules" and "Cells"</i>	<i>Log into your Seneca as before and access your Year 11 Science Class. I have added the A Level course to your Year 11 classes.</i>
<i>Complete the A-level Biology transition booklet</i>	<i>If you lose your copy, an electronic copy will be available on the School Website.</i>