

SUMMER WORK A Level Biology

Head of Department

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Exam Board

AQA

Specification

7402

COURSE DETAILS

Examination

The course is examined as a whole at the end of Year 13.

Topic 1:	Biological Molecules
Topic 2:	Cells
Topic 3:	Organisms exchange substances with their environment
Topic 4:	Genetic information, variation and relationships between organisms
Topic 5:	Energy transfers in and between organisms
Topic 6:	Organisms respond to changes in their internal and external environment
Topic 7:	Genetics, populations, evolution and ecosystems
Topic 8:	The control of gene expression

SUMMER WORK FOR INTRODUCTION TO YEAR 12

TASK	TOPIC	
1.	Topic 1: Biological Molecules	<ol style="list-style-type: none">1. Use the information from the videos below, and 3.1.1 and 3.1.2 in the specification, to hand write notes on Monomers, Polymers, Monosaccharides and Disaccharides. Miss Estruch - Monomers, polymers and monosaccharides Miss Estruch - Disaccharides2. Please learn the content for your first lesson.
2.	Topic 2: Cells	<ol style="list-style-type: none">1. Use the information from the videos below, and the Topic 2 Cells Support Materials, to complete the table of Eukaryotic Cell Structure. Miss Estruch - Eukaryotic Cells2. Please learn the content for your first lesson.

WIDER READING TO PREPARE FOR COURSE

- Nessa Carey: The Epigenetics Revolution; Junk DNA: A Journey for the Dark Matter of the Genome
- Richard Dawkins: The Selfish Gene; The Blind Watchmaker; The Greatest Show on Earth
- Steve Jones: Language of the Genes; Y: The Descent of Men; Almost like a Whale; Coral: A Pessimist in Paradise; Darwin's Island: The Galapagos in the Garden of England
- Primo Levi: The Periodic Table
- James Watson: DNA: The Secret of Life