

Curriculum area Biology AQA AS (7401) and AQA year 1 A-level (7402)

Topics	Assessment	How you can support your child's learning at home E.g. Books, Websites, Family learning through visits
Section 1 – Biological molecules 1. Biological molecules 2. Nucleic acids		Pupils will be loaned textbooks AQA AS Biology Year 1 and Year 2 Purchase the revision guides. Monitor and support. Guidance with organisation of school work, meeting deadlines for homework, preparing for assessments. File dividers will be provided with specification points to aid organisation.
Section 2 – Cells 1. Cell structure 2. Transport across cell membranes 3. Cell recognition and the immune system	AS examination is taken in two papers each 1hour 30minutes in length. The papers have an equal weighting towards the overall grade.	Online material available: AQA website: https://www.aqa.org.uk http://www.s-cool.co.uk/a-level/biology : Royal Society of Biology: https://www.rsb.org.uk Physics and Maths Tutor: https://www.physicsandmathstutor.com Revisely: https://www.revisely.co.uk Seneca Learning: https://www.senecalearning.com
Section 3 – Organisms exchange substances with their environment 1. Exchange 2. Mass transport	Paper 1 contains 75 marks of short answer and comprehension questions.	Encourage students to attend help sessions offered at school by staff at lunchtimes, after school and during curriculum enhancement sessions.
Section 4 – Genetic information, variation and relationships between organisms 1. DNA, genes and protein synthesis 2. Genetic diversity 3. Biodiversity	Paper 2 contains 75 marks of short answers and extended responses.	Following each lesson students are required to spend an equivalent proportion of time consolidating work by reading textbook topics and completing summary questions. At the end of each topic an end of topic assessment will be conducted, students are expected to complete the practice questions in the text book in preparation for the assessment. Completion of past examination papers, available in school and online.