

BIOLOGY Year 12

Number references used in the table relate to AQA Biology A Level 7402 course (full specification available at <https://www.aqa.org.uk/subjects/biology/a-level/biology-7402/specification>)

	Content covered by teacher 1	Content covered by teacher 2	Assessment
Sept - Oct half term	3.2.1 Cell structure 3.2.2 All cells arise from other cells (req. prac 2 root squash)	3.1 Biological molecules	TEST_Cells and microscopes TEST_Biological molecules
Nov - Christmas	3.2.3 Transport across cell membranes (req. prac 4 membrane permeability) (req. prac 3 osmosis)	3.1.4.2 Many proteins are enzymes (req. prac 1 enzymes) 3.1.5 Nucleic acids are important information-carrying molecules	req. prac 2 root squash TEST_Cell cycle req. prac 1 enzymes TEST_Enzymes req. prac 4 membrane permeability
Jan - Feb half term	3.2.3 Transport across cell membranes to complete 3.2.4 Cell recognition and the immune system	3.1.6 ATP 3.1.7 Water 3.1.8 Inorganic ions	req. prac 3 osmosis TEST_Transport across membranes TEST_Nucleic acids, ATP, water + ions
March - Easter	3.2.4 Cell recognition and the immune system 3.3 Organisms exchange substances with their environment 3.3.1 Surface area to vol 3.3.2 Gas exchange (req. prac 5 fish head dissection)	3.4 Genetic information, variation and re	TEST_Immune response TEST_Genetic information and genetic diversity req. prac 5 dissection
April - May half term	3.3.3 Digestion and absorption	3.4.5 Species and taxonomy	TEST_Gas exchange and digestion TEST_genetic diversity, adaptation and taxonomy and speciation req. prac 12 sampling
June - Summer	3.3.4.1 Mass transport in animals	3.4.7 Investigating diversity	EXAM_End of year