



## YEAR 11 BIOLOGY WORK PLAN: Semester 1, 2017 – Mrs Sally Carey and Mr Craig Moore

UNIT	TERM 1 TOPICS	ASSESSMENT	DUE DATE
'Life's a lock up' -the cell	Cell Theory Characteristics of Life Correct use of Molecular microscope Basic differences between plant and animal cells Respiration and photosynthesis Plant structure and physiology Turgor pressure in plant cells Osmosis and diffusion as related to transpiration in the xylem and movement of food in the phloem (translocation)	Extended Experimental Investigation (EEI)	<b>Week 7</b> Draft 11A and 11B Friday 10 <sup>th</sup> March  11A and 11B <b>Week 9</b> Friday 24 <sup>th</sup> March
UNIT	TERM 2 TOPICS	ASSESSMENT	DUE DATE
Such is Life	Cell Theory Observations of different types of cells and tissues Cell structure and function Cell Classification – differences between Eukaryotic and Prokaryotic cells Cell organelle function Cell biochemistry- cell transport, osmosis, diffusion, active transport. Extinction, modern taxonomic systems Practical observations of preserved specimens Learn how to construct a dichotomous keys Use of keys to classify and identify	Written Task	Exam Block

This work plan was last updated on Wednesday, 1 February 2017. The contents are subject to change – students will be advised in advance of any changes - regularly check for updates.