



YEAR 12 BIOLOGY WORK PLAN: Semester 1, 2017 – Mrs Sally Carey

UNIT	TERM 1 TOPICS	ASSESSMENT	DUE DATE
Driving the Human Machine	Energy in food, major biological organic and inorganic molecules. Food tests. Enzymes their properties and reactions. Digestion (chemical, mechanical and anatomical) Respiratory system- structure and function Gaseous exchange factors which effect rate Dissection of lungs Comparison of respiratory systems human, bird and fish Transport in living things-need for a transport system Circulatory system. Heart dissection .Functions of blood. Blood groups Dissection of heart Kidney and excretion Rat dissection.	Written Task	Week 10 Wednesday 29 th March
UNIT	TERM 2 TOPICS	ASSESSMENT	DUE DATE
Life has its Limits	Transplants Diseases associated with them. Ethical issues associated with deciding between transplant recipients Ethical and moral issues of alternatives to transplants Homeostasis – internal balance Discussion of various topics leading up to individual investigation Extended experimental investigation. Students are responsible for choosing topic area and working on it during class time and at home for 4/5 weeks of term.	Extended Response Task in class on issues associated with transplants. Extended Experimental Investigation	Week 5 Draft Friday 19 th May Week 7 Due Friday 2 nd June Week 2 T 3 Draft Week 3 Term 3

This work plan was last updated on Friday, 9 June 2017. The contents are subject to change – students will be advised in advance of any changes - regularly check for updates.