



Newton Moore Senior High School

Science

Year 10 Science Horizons

2016



Course Description

The Year 10 Science Horizons program is an extension of the general Year 10 Science curriculum and covers extension topics in the areas of Biological Science, Physical Science, Chemical Science, and Earth and Space Sciences. Students participate in scientific investigations using techniques and biotechnologies used in actual occupations. This facilitates further development, understanding and skills that will prepare them for future studies in Science.

Science as a Human Endeavour

Scientific knowledge has changed peoples' understanding of the world and is refined as new evidence becomes available. Science knowledge can develop through collaboration across the disciplines of science and the contributions of people from a range of cultures. Solutions to contemporary issues that are found using science and technology, may impact on other areas of society and may involve ethical considerations. People use science understanding and skills in their occupations and these have influenced the development of practices in areas of human activity.

Assessment Outline

Assessment Task	Outcome	Date Due	Max Score	% Weight
Semester 1				
Task 1 Electrophoresis Prac	Human Endeavour	Week 6	100	20
Task 2 Drosophila Report	Human Endeavour	Week 7	100	15
Task 3 Chemistry and Hydrocarbons	Human Endeavour	Week 12	100	15
Semester 1 Total				50

Assessment Task	Outcome	Date Due	Max Score	% Weight
Semester 2				
Task 5 Physics Task	Human Endeavour	Week 18	100	17.5
Task 6 Micro Array Lab Report	Human Endeavour	Week 23	100	15
Task 7 Earth and Space	Human Endeavour	Week 35	100	17.5
Semester 2				50
Total Weight				100.0

The above weightings are intended to show the importance of each task. The allocation of a grade at the end of a semester is determined based on grade related descriptors issued by School Curriculum and Standards Authority.