



**Newton Moore Senior High School**  
**Science**  
**Year 9 Science Horizons**  
**2016**



## Course Description

The Year 9 Science Horizons program is an extension of the general Year 9 Science curriculum and covers extension topics in the areas of Biological Science, Earth and Space Sciences, Chemical Science and Physical Science. The program includes the students participating in the Marine Managers programs at the Bunbury Dolphin Discovery Centre, CREST Awards, Robotics EV3, Coding and 3D Printer.

### 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 culture. 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 Research and Presentation – Osprey Nest or Signage Design (Bunbury Mangroves).	Human Endeavour	Week 8	100	20
Task 2 Lab Book: Dolphin Discovery Centre and Bunbury Mangroves Excursion Booklet.	Human Endeavour	Week 7	100	15
Task 3	Human Endeavour	Week 14	100	15
Semester 1 Total				50
Semester 2				

<b>Assessment Task</b>	<b>Outcome</b>	<b>Date Due</b>	<b>Max Score</b>	<b>% Weight</b>
Task 4 - Robotics	<b>Human Endeavour</b>	Week 20	100	20
Task 5	<b>Human Endeavour</b>	Week 25	100	15
Task 6	<b>Human Endeavour</b>	Week 35	100	15
Semester 2 Total				50
Total				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.