



BARCALDINE PREP-12 STATE SCHOOL

Established 1886

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Year 10

Semester 2 Overview

Below is an overview of what students will be learning in Semester 2 that aligns with the Australian Curriculum requirements along with the assessment tasks they will be required to complete:

Learning Area and Unit Overview	Assessment Instrument and Conditions	Start Date	Draft Date	Due Date	Teacher
Design and Technologies	Project – Multi Charge Station ; Folio	22/07/20	12/08/20	9/09/20	Mr Greyling
Design and Technologies	Drones and Robotics	12/10/20	2/11/20	25/11/20	Mr Greyling
Digital Technologies	Drones and Robotics - Programming	17/07/20	ongoing	26/11/20	Mr Greyling
Geography – Geographies of Wellbeing Students investigate global, national and local differences in human wellbeing between places. Students examine the different measures of human wellbeing, and the causes of global differences in these measures between countries. Students explore spatial differences in wellbeing within and between countries, and evaluate the differences from a variety of perspectives.	Short Response Exam - Analysing and predicting patterns of human wellbeing Students will manipulate and represent data in order to analyse, explain and predict patterns of human wellbeing. 2x 70 minute lessons, supervised, individual responses.	13/08/2020 PART A	-	14/08/2020 PART B	Ms Sheather
	Improving the wellbeing of the Democratic Republic of the Congo Students will synthesise data and information to evaluate alternative proposals on how to improve the wellbeing of the Democratic Republic of the Congo, draw reasoned conclusions and explain the predicted outcomes and consequences. 3x 70 minute lessons, supervised, individual responses.	3/09/2020 PART A	10/09/2020 PART B	11/09/2020 PART C	
Geography – Environmental Change and Management Students will examine how the spatial variation between places and changes in the	Research Multimodal - Investigating the causes and effects of an environmental change and how	16/10/2020		18/11/2020	

environments can be explained. Students will explore management options for sustaining human and natural systems into the future.	to manage it Students research the causes and effects of an environmental change and suggest and evaluate strategies to manage change. 5x weeks, in class and own time, individual responses.				
Maths – Statistics Students develop an understanding of statistical measures of centre and spread to describe data sets, analyse data displays to make generalisations, graphically represent relationships, and use calculations and graphs to analyse data.	In-class Assignment – Evaluating Media Reports Students evaluate statements made in reports by critically analysing supporting data, understanding of parallel box plots and other data displays.	13/08/2020		14/08/2020	<i>Mr He</i>
Maths – Geometry Students use formulae to calculate the surface area and volume of prisms and cylinders. They recall and prove angle relationships using formal proofs, develop proofs for congruency and similarity rules, and apply understanding of plane shapes to prove geometric properties.	Exam – Applying volume, surface area and geometric reasoning Students solve problems involving surface area and volume of composite solids. They apply logical reasoning and formulate proofs.	14/09/2020		14/09/2020	
Maths – Financial mathematics and linear inequalities Students recall simple and compound interest formulas, calculate simple and compound interests, and solve problems involving interest and loans. They represent and solve problems involving linear inequalities.	Exam – Determining compound interest and inequalities Students solve problems involving simple interest, compound interest and inequalities.	16/11/2020		16/11/2020	
The Arts – Visual Arts – ‘I AM’ In this unit students explore how artists communicate and express viewpoints and concepts in Visual Arts around the concept of ‘SELF’. Throughout the unit, students produce a series of artworks that are conceptually linked and lead to the development of personal style and artistic intention.	Experimental Folio Minimum of 3 Experimental designs 150-200 words of artistic intent for each design	13/07/20	Ongoing	16.09.20	<i>Ms Balderson</i>
English – In this unit, student read and interpret the play Romeo and Juliet. Students will then produce interpretations of plot, characterisations and themes using language features and text structures commonly used in literary analysis. Finally, they evaluate an interpretation of the play, analysing arguments and accompanying evidence to support or refute ideas presented by the author. Then they use they use their knowledge of visual codes, elements of sound and the text structures and language features of film review to evaluate the value of a selected Shakespearean film for contemporary Australian teenage audiences.	Analytical response 600 words 3 weeks notice of task Open access to resources Teacher consultation provided	27.07.20	05.08.20	12.08.20	<i>Ms Balderson</i>
	Film Review 2 weeks notice of task Open access to resources Teacher consultation provided 800 words	26.08.20	02.09.20	16.09.20	<i>Ms Balderson</i>

We look forward to working collaboratively with you to help your child achieve success this semester. One of the keys to this success is through communication so we encourage you to contact your child's Learning Area teacher if you have any concerns or to touch-base with how your child is progressing. Should you wish to speak to any of the teachers listed above please phone the school office on 07 46515 333 to make an appointment.

Yours sincerely

Ms Stacey Sheather
Year 10 Roll Group Teacher

Ms Michelle Saunders
Year 10 Roll Group Teacher