



.....to engage and motivate students to continue their love of learning and connectedness while temporarily learning@home.

## Year 10 2020 Term 2 Curriculum Overview

Course	Focus Unit/s	
English	<b>Novel Study – Speculative Fiction</b> Students will be introduced to the conventions of speculative fiction and will identify how composers use, extend and challenge these conventions in their texts.	
Maths	Probability ; Alegbraic Techniques & Equations ; Coordinate Geometry ; Single-digit and Bivariate Data Analysis.	Probability ; Coordinate Geometry ; Measurement.
Science	<b>Rotation A- 10 Sci O (Ms Singh)</b> <b>Chemistry</b> Explain reactions in terms of any energy changes taking place and the re-arrangement of atoms. <b>Mysterious Universe</b> Big Bang, star formation, galaxies, black holes, technologies in researching further into space. <b>Genetics &amp; Biotechnology</b> Features of DNA as a semiconservative molecule of inheritance.	<b>Rotation B- 10 Sci X (Mrs Hanrahan); 10 Sci E (Mrs Norton)</b> <b>Evolution</b> The theory of evolution by natural selection explains the diversity of living things and is supported by a range of scientific evidence. <b>On the Move</b> The motion of objects can be described and predicted using the laws of physics.
Geography	<b>Sustainable Biomes</b> Students investigate the physical characteristics and productivity of world biomes. They examine how people modify biomes to increase agricultural production. Students develop an understanding of global and national population trends to forecast the future supply and demand for food and fibre. They explore challenges to food production, considering different strategies needed to feed growing populations and ensure food security.	
PDHPE	<b>Myth Busters</b> How true is that? The focus for at learning@home will be around road safety for both the drivers and passengers.	
Design Technology	<b>Architecture: for People and our Planet</b> Students will learn about ecologically sustainable design principles, building materials, design for flat pack shipping, small space innovation and disaster relief shelters. They will look not just at minimising energy usage, but also, water and waste as well as other forms of pollution generated through toxic materials and processes. They will learn architectural drawing and model making skills.	
Music	<b>Own Choice Topic</b> Students individually choose their own musical topic/genre/style/artist and complete an aural, performance and composition task which is spread out over the duration of the term. Under the guidance of their classroom teacher students learn about an area of music they are interested in through an integrated study.	
Visual Arts	<b>Anatomical Drawing Studies</b> Students will consolidate anatomical drawing studies produced at home. They will continue to investigate the futuristic concept of posthumans through their drawing. Showcase their artmaking by learning to establish a custom designed digital portfolio. In critical and historical studies, they will understand and appreciate artists and film makers such as Fritz Lange, Lee Bul, Patricia Piccinini and Stelarc, whilst enhancing their artwriting and analytical skills.	
Commerce	<b>Employment Issues</b> Students investigate Australia’s changing work patterns, benefits of education, types of employment contract, legal issues relating to the workplace, the role of unions, unemployment, Taxation, and superannuation.	<b>E-Commerce</b> Students learn about the use of the internet for business purposes and its many advantages. They learn the difference between B2B and B2C transactions and create a website for a hypothetical business incorporating many features of e-commerce.
Drama	<b>Monologue</b> In this unit students are introduced to detailed character work through integrating making, performing and appreciating.	
Graphics Technology	<b>Computer Aided Design and Drafting</b> The Computer Aided Design and Drafting module extends students’ knowledge, understanding and skills of graphics technology with a particular emphasis on the standards and presentation methods used in computer aided design and drafting. Projects undertaken in this module promote the sequential development of skills and reflect an increasing degree of student autonomy as they progress through the course.	
French	<b>AUTREFOIS In the olden days...</b> Talk about how things used to be in the past, things they used to do, primary school days. Expressions and vocabulary for relating past events. Imperfect tense forms, irregular verbs SE SOUVENIR, SE PLAIRE, S’ASSEOIR. OUI or SI in response to a question. Developments and changes in French fashion in the 20 <sup>th</sup> century and the Gauls, early inhabitants of France.	
Cornerstone	This term students will continue to explore the big ideas of the world through reading, discussion, reflection and journaling.	