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

Year 8 2020 Term 2 Curriculum Overview

Course	Focus Unit/s	
English	**Novel Study** Students conduct a close study of William Golding's Lord of the Flies. Students will develop the understanding gained in Year 7 of the elements of fiction such as context, setting, voice, characterisation, structure, genre, theme, and purpose.	
Maths	**Measurement** – Areas of quadrilaterals and circles and converting units of area. Areas and perimeters of composite shapes. Uses formulas to calculate the volumes of prisms and cylinders, and converts between units of volume. **Pythagoras** – applies Pythagoras' Theorem to calculate side lengths in right-angled triangles and solves related problems. **Fractions, Decimals, Percentages & Financial Mathematics** – Operates with fractions, decimals and percentages. Solves financial problems involving purchasing goods. Earning, spending and investing. Interest and tax.	
Science	**Plants and Ecosystems** Interactions in ecosystems including food webs, human impact and the role of plants as producers and their life-cycle (includes structure and function). **Earth's resources and the Rock Cycle** Earth structure and the processes that occur in the formation of rocks and how scientific understanding influences choices about the use of its resources including the water cycle.	
History	**Spanish Conquest of the Americas** Students will explore Incan society prior to the Spanish conquest and identify the major features of the civilisation. Students will examine the arrival of the Spanish and the nature of their interaction with the Incas, the impact of the conquest and the long term effects of colonisation. A virtual site study of Machu Picchu will also be completed. **Polynesian Expansion** Students will explore the theories about the origin and spread of Polynesian settlers throughout the Pacific. They will examine how the Polynesians use environmental resources and the cultural achievements of Polynesian society. They will learn about the economic, social, political, cultural features of a Polynesian society.	
PDHPE	**What's the Risk?** Students explore positive and negative risk and the factors that influence risk-taking and decision-making in a variety of contexts. They learn about safe and unsafe behaviours and environments. Students explore the self-management and interpersonal skills required to promote their own and others' health, safety and wellbeing.	
Language	**French** **Ca, c'est ma famille This is my family** The notion of 'family' – the various family members, the types of families in society and families of different ethnic origins, introducing students to the multicultural nature of France. **Au parc zoologique At the Zoo** The theme is animals, both wild and domestic – the role they play in our lives and how they are treated.	**Japanese** Families -Counting people -Members of own family -Members of others' families -Describing People
Technology Mandatory	**Textiles Technology** Students will develop knowledge and skills in the use of a general-purpose programming language to design, produce and evaluate an information system using the micro:bit. They will design an innovation for Teenage Health and Wellbeing. Their final project will document their skill development, innovation and working code in a Presentation Board using Adobe InDesign. **Practical Experiences:** Develop algorithms in a programming language (code), upload algorithms to a microcontroller. Assemble electronic components and circuits.	**Digital Technologies** The students will be taking on the role of a game designer working for a large computer game company. Using Scratch, students will be researching designing and making an original game for one of their friends to play whilst they are self-isolating and produce a design portfolio on the process of designing and making the game.
Music	**Rock Music Study** In this unit, students will gain an understanding of what the original features were of early Rock music, and how this early style has developed and diversified over time to the myriad styles of rock we have today. This will be done through musicological study using of the concepts of music, and well as through improvisation and solo performances.	
Visual Arts	**Students will create a paper-mache** mask based on an animal totem. The emphasis on the structural and cultural fame. The second half of term will be focused on " your landscape" Aerial views art making.	
Cornerstone	This term students will continue to explore the big ideas of the world through reading, discussion, reflection and journaling.	