Year 10 Exams and Assessment Criteria

Criteria	Science	English	Maths	RE	Health and PE
Year 10 **nd of the Year exam will assess knowledge and understanding of:**	**Planet Earth and Beyond (Earth Systems and Climate Change) Scipad BOOK 2 pages 223 (Earth systems) and pages 64-79 (Climate Change)** 1. Describe the basic structure of the Earth, its atmosphere and hydrosphere. 2. Describe the importance of carbon and carbon compounds. 3. Explain the difference between renewable or non-renewable fuels. 4. Describe the process of combustion, with word equations 5. Explain the "greenhouse effect" 6. Outline the structure of the atmosphere. 7. Discuss possible effects of increasing CO_2 levels in the atmosphere, with climate change in New Zealand. ***Exam Format:*** *Written Test.* ***Question format****: Multichoice, Graphs drawing and/or Reading, Comprehension of scientific Text.*	**Literary Essay on Visual Text.** Students need to study about key characters and key ideas. They need to focus on crafting 4-5 paragraphs that answers the question in a literary essay format. Students are expected to write an introduction, 2-3 body paragraphs and a conclusion.	**Topics: Algebra and Measurement** **Assessment in Algebra will cover:** Expanding and factorising of Expressions, simplify of an expression (collecting of like terms), Solving linear equations, Solving quadratic equations, Rearranging formulas/making subject of a formula, Substitution into an expression and word problems involving algebra. **Assessment in Measurement will cover** Unit conversions of metric systems, perimeter of shapes (rectangle, trapezium, composite shapes), circumference of circles, area of 2D shapes (rectangle, triangles, trapezium, composite shapes), volumes of cylinders and prisms(rectangular and triangular). Pythagoras and trigonometry	**Kia Noho Hāhi - Being Church [The Gift of Vocation]** **Develop an understanding of vocation as a call to wholeness, exploring our own call and our wider vocation, considering our gifts and strengths.** 1. *what a vocation is, who is doing the calling.* 2. *what wholeness is and how this is related to holiness.* 3. *what a vocation within the Church is a call to a certain life.* 4. *what a vocation both within and outside the Church is a call to a particular occupation or ministry.* 5. *to consider what gifts are worth having and to reflect on our own personal gifts and strengths.*	**Health** **Relationships, accepting differences and gender.** Students will be assessed on these topics in relation to the impact that they have on both individual's and societies well-being (with refence to Fonofale , Fonua and Hauora modes of wellbeing) Assessment will be an end of topic test based on all topics covered in the Year. **Social Science** **Leading the Way - Human Rights Leaders** The aim of this unit is to explore United Nation Declaration of Human rights and explore key historical social activist in NZ and overseas who become Human Rights activist and leaders who inspired many people by their actions. Students choose an Inquiry topic that analyses one of the human right issues e.g. death penalty, euthanasia law.
Criteria	**Architecture**				
	Seating design using Computer Aided Design (CAD) and Photoshop				