CANBERRA HIGH SCHOOL - Learning overview for Term 2
Subject:

During Term 2, Year 9 will be studying an Earth and Space Sciences unit about tectonic plates and a Biology unit about ecosystems. They will investigate things like the ways that the surface of Earth has changed over time and factors that influence ecosystem stability. All work will be available through the Google Classroom and is expected to be completed in this platform. Accompanying the Google Classroom is the Learning Hub. This is a website that has an overview of all the tasks and work that is to be completed throughout the term. There are many useful resources and tools linked to this website and it will a valuable aid for your child's learning journey over the coming term. Teachers will continue to be available for help and contact through email, Google Classroom and Google hangout and will run 1 class discussion through a group chat each week. At the start of each week, a new post will be available on the Google Classroom, containing the detailed information for the tasks of that week.

Week	Topic	Content/Activity/Tasks

11	Ecosystems: Ecological Pyramids	• Introduce ecosystems
		  ○ Types
		  ○ Importance of biodiversity
		  ○ Interactions between organisms
		  ○ Food chains and food webs
		• Ecological pyramids

12	Ecosystems: Symbiotic relationships	• Symbiotic relationships • Ensure understanding of biomass and energy
13	Ecosystems: Trophic cascades	• Trophic Cascades • Apex predators • Species re-introduction

14	Ecosystems: external factors	• Influence of external changes: choose some to investigate e.g.
		  ○ Pollution
		  ○ Land clearing
		  ○ Disease
		  ○ Invasive species

15	Revision and test	• Revision

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		• test

16	Tectonic plates	• Introduce unit - what are tectonic plates and what do they do?
		• Tectonic movements
		  ○ convergent, divergent, transverse
		  ○ causes for movement

17	Tectonic plates	• History - tectonic plate movement over time: timescales, changes in landscape and continents • Evidence for tectonic theory • Alfred Wegener
18	Tectonic plates Impacts of tectonic plate movement	• Alfred Wegener • L'Aquila Case study

19	Impacts of tectonic plate movement	• Natural disasters influenced by tectonics
		  ○ Earthquakes
		  ○ Tsunamis
		  ○ Landslides

20	Have fun - Make some mess?	• Make a volcano? • Watch San Andreas? • Create an earthquake replica machine?