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| **STUDENT UNIT PLANNER** | | | | | | |
| **Year Level:** | | | 9 | | Student check list: 🗹 when you know… | |
| **Subject:** | | | Science | | Assessment due dates  The learning goals and success criteria for this term  Changes to routines e.g. excursions  When assessment practice lessons will occur (exemplars)  When revision lessons will occur | |
| **Term/Year:** | | | 2 / 2021 | |
| **Unit Title:** | | | Ecology and Earth Science | |
| **Assessment:** | | | Exam - Week 5  Assignment - Week 9 | |
| **Key Resource:** | | | Stileapp lessons | |
| **WK** | **Wk. Beg** | **Holidays or variations this week** | **Lesson 1** | **Lesson 2** | | **Lesson 3** |
| 1 | 19 Apr. 21 |  | LG1, SC1  Structure of the Earth | LG1, SC2, SC3  Major tectonic plates  Plate movement | | LG1, SC4  Movement of tectonic plates with reference to heat energy and convection currents  *Investigation: Convection currents* |
| 2 | 26 Apr. 21 | Anzac Day 26/4  X-country  27/4 P3/4 | *ANZAC DAY PUBLIC HOLIDAY* | LG1, SC5, SC6  Constructive and destructive plate boundaries   * Sea floor spreading * Subduction | | *Catch up / Review* |
| 3 | 3 May. 21 | Labour Day 3/5 | *LABOUR DAY PUBLIC HOLIDAY* | LG1, SC7, SC8  Relating earthquake and volcanic activity to constructive and destructive plate boundaries | | LG1, SC8  Investigate seismic activity   * Locating earthquake epicentre * Richter scale |
| 4 | 10 May. 21 | NAPLAN  Tues-Fri | LG1, SC9, SC10  Investigate age and geological stability of the Australian continent | LG1, SC10  Investigate issues related to living in a Pacific country located near plate boundaries | | LG1, SC1-10  Revision lesson |
| 5 | 17 May. 21 |  | ***Exam*** | LG2, S11, SC12  Intro to Ecology, definitions  Revise different types of interactions/relationships between organisms | | LG2, SC13, SC 14  Revise Food chains and Webs  Energy flow in ecosystems  Movement of matter in ecosystems |
| 6 | 24 May. 21 |  | LG2, SC13, SC14,  Simulating factors that affect population size (prac)  Identify factors that affect population size | LG3, SC15, SC16, SC17  Case study of the effect of cane toads on Australian ecosystems | | LG3, SC16, SC17, SC18  Case study: cane toads - Practice data interpretation and analysis |
| 7 | 31 May. 21 | Athletics Carnival Friday 04/06 | **Assignment Hand out**  Assignment:   * Overview of selected case studies (provided) * Topic selection * Develop research question | Assignment:   * Individual or small group analysis of selected case study * Initial background research * Develop research question and hypothesis | | Assignment:   * Analysis of data within selected case study * Report planning |
| 8 | 7 Jun. 21 | Show Holiday Friday 11/06 | How to write a Rationale with referencing  Assignment:   * Writing data analysis * Research for rationale | Assignment:   * Plan rationale * Research info for rationale   **Teacher checkpoint**   * Feedback given to students on progress | | SHOW HOLIDAY |
| 9 | 14 Jun. 21 |  | Assignment:   * Writing rationale * Compiling reference list | Assignment:   * Writing rationale * Compiling reference list | | **Assignment due** |
| 10 | 21 Jun. 21 |  | Catch up and review | Engaging activities | | Engaging activities |