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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 5Assignment - 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, SC1Structure of the Earth  | LG1, SC2, SC3Major tectonic platesPlate movement | LG1, SC4Movement of tectonic plates with reference to heat energy and convection currents *Investigation: Convection currents* |
| 2 | 26 Apr. 21 | Anzac Day 26/4X-country27/4 P3/4 | *ANZAC DAY PUBLIC HOLIDAY* | LG1, SC5, SC6Constructive 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, SC8Relating earthquake and volcanic activity to constructive and destructive plate boundaries | LG1, SC8Investigate seismic activity* Locating earthquake epicentre
* Richter scale
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| 4 | 10 May. 21 | NAPLANTues-Fri | LG1, SC9, SC10Investigate age and geological stability of the Australian continent | LG1, SC10Investigate issues related to living in a Pacific country located near plate boundaries | LG1, SC1-10Revision lesson |
| 5 | 17 May. 21 |  |  ***Exam*** | LG2, S11, SC12Intro to Ecology, definitionsRevise different types of interactions/relationships between organisms | LG2, SC13, SC 14Revise Food chains and WebsEnergy flow in ecosystemsMovement 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, SC17Case study of the effect of cane toads on Australian ecosystems | LG3, SC16, SC17, SC18Case 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
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| 8 | 7 Jun. 21 | Show Holiday Friday 11/06 | How to write a Rationale with referencingAssignment:* 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 |