**Week 1:**

**Protecting Our Homeland:**

**Biosecurity in New Zealand**

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**Success Criteria**

* Students will gain a basic understanding of the topic ofbiosecurity and the many threats that it involves from insects and animals to bacteria and viruses.

Activities

**1. Reading & Writing**

**2. View and respond to the clip**

Homework

**Complete Lessons 1 & 2 by Friday at 3 pm.**

**Lesson 1: An Introduction Biosecurity**

**Students need to begin a new unit in their Red Books by opening to 2 blank pages. At the top of the page, draw a horizontal line about a third of the way down the page. Above the line write the unit title: “Biosecurity in New Zealand” in Large Letters.**

**Task 1:** Under the line write down (in your Red books) the following observation about Biosecurity:

**Biosecurity** refers to measures aimed at preventing the introduction and/or spread of harmful organisms (like viruses and bacteria) to animals and plants in order to minimize the risk of transmission of infectious diseases.

**Task 2:** Vocabulary words:

Students will write down the following definitions in their Red Books and number them beginning with 1. Please leave two lines between definitions.

**Vocabulary List**

**1. Novel:** The word novel means “new”, and a newly identified coronavirus strain is often called a novel coronavirus.

**2. Covid-19:** The official name for the novel coronavirus disease that emerged in China in 2019. COVID-19 is an acronym – **CO**rona**VI**rus **D**isease-20**19**.

**3. Incubation:** The process of period of time in which harmful bacteria or viruses increase in size or number in a person’s or animal’s body, but do not yet produce the effects of the disease.

**4. Contagious**

**5. Epidemic**

**6. Quarantine**

**7. Social distancing:** The practice of encouraging people to minimize contact and closeness to other people, by avoiding crowds.

**8. Self-isolate:** To keep yourself away from other people by staying at home as much as possible, to minimise exposing people to your germs. To quarantine yourself.

**9. Incubation**

**10. Pandemic**

**11. Drugs**

**12. Customs:** the place at a port, airport, or frontier where officials check incoming goods, travellers, or luggage.

**13. Immigration**

**14. Misleading information**

**15. Insect**

**16. Exotic species**

**17. Prohibited**

**Lesson 2: Biosecurity Poster.**

Watch the 2 short video clips on Biosecurity in New Zealand.

<https://www.youtube.com/watch?v=NIilCmj12Jc>

<https://www.youtube.com/watch?v=gU_kcbVOwsM>

List several key points in your Reb Books, then create a mini-poster in a page in your Red Books, highlighting the importance of Biosecurity in protecting New Zealand from an array of threats.