

2023

Year 7 Build Science – The Living World

Biokemon Research Investigation

**Task:** You are to create a ‘Biokemon card’ artwork depicting an organism from the class’s chosen ecosystem.

Your Biokemon card must contain the following information.

* **Front of card:**
  + Organism’s common and scientific name
  + A focal, hand-drawn image of the organism (digital image not allowed)
  + Two (2) to three (3) major points describing why the organism is special or unique (their Biokemon superpowers)
  + A note on the organism’s placement within the food web. What does it eat, what eats it? Is it a producer, consumer, decomposer, prey, predator, or combination?
* **Back of card:** answer the following questions

1. Is your organism native or introduced?
2. What is the conservation classification of your organism?
3. What are some impacts on its health/survival?
4. What would happen if your organism were to disappear from your class’s ecosystem?
5. If you were working in this field, what would you do to protect and conserve the ecosystem?

* **In addition:**
* Your artwork must be based on the style of a Pokemon card
* A5 in size (template available if you require)
* You are encouraged to be as creative and informative as possible.
* Other information and diagrams can be included (space and Pokemon style permitting)
* Use the provided **note taking sheet** when researching your organism.
* You must include a **bibliography** to list your sources of information. Please use the provided template. **You must include at least two (2) sources of information.**

**To be submitted:**

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| 1. Completed note taking sheet | 1. Biokemon Card |
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**NOTE TAKING SHEET:**

Please use this sheet to write down your research notes. This is to be submitted with your Biokemon Research Assignment.

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| **Organism’s Common Name:** |
| **Organism’s Scientific Name:** |
| **Major points why this organism is special/unique:** |
| **Food web placement:** Decomposer/Producer/Consumer/Apex Predator? |
| **Describe where the native organism can be found in Australia / Describe when and why the introduced species was introduced to Australia** |
| **What factors impact its health and survival?** |
| **What would happen to other organisms in the ecosystem if this species was removed?** |
| **What can be done to protect and conserve the ecosystem?** |