

BIOLOGICAL SCIENCE

TERM 4 INQUIRY PROJECT

In this project, you'll explore a place of your choice and study its living things, ecosystems, and life cycles. You can choose a location from Australia or any other region of interest in the world and examine the living things there, looking closely at their relationships, life cycles, and unique survival features!

Choose a place that fascinates you. It could be one we've studied in class, or you can choose your own. This place might be a rainforest, coastal area, wetland, desert, forest, or even the Great Barrier Reef!

Presentation ideas:

Your project will be presented in two creative formats to showcase all your hard work and research!

Written/Visual Presentation:

Share your findings in one of the following ways:

- Booklet
- Poster
- Newspaper
- Magazine
- Picture storybook

Ecosystem Representation:

Bring your ecosystem to life by creating a model that represents its unique features. You could make:

- A diorama
- A 3D model
- An artistic representation using clay, papier-mâché, or recycled materials
- A digital representation



Who can I work with?

You may choose to work with a partner on this project. Please choose wisely.

TICK WHEN COMPLETE

Name and location

Identify your place and where it is located in the world. Include information about the ecosystem you are studying (e.g., desert, rainforest). You must include a map.

Living things

Describe different types of living things found in this ecosystem. Group them based on observable features (e.g., vertebrates vs invertebrates, plants, animals, fungi) and explain what makes them different from non-living things.

Helping each other survive

Describe at least two relationships that help living things survive in this ecosystem (e.g., food chains, environmental factors like water or shelter). Include examples of producers, consumers, and decomposers in this place.

Life cycle

Choose a plant and animal native to your ecosystem. Describe and illustrate the key stages in its life cycle, from birth to reproduction.

Protecting the environment

Look up ways people are helping to protect the environment of your place. This could include protecting the animals, plants, and the land.

Interesting facts

Include at least 3 other important facts or interesting pieces of information about this ecosystem (e.g., unique species, environmental challenges, conservation efforts).

Bibliography

Write down the books, websites, or other places where you found your information. This is called your “bibliography.” You must include a website, you cannot write ‘Google.’

Helpful reminders

Check your facts: Make sure the information is accurate and in your own words.
Be creative: Let your project reflect your unique style while staying organised and clear.

Manage your time: Use your inquiry book to jot down notes and drafts as you research.

Expo Day: At the end of term, you'll present your work to parents and special friends at our Inquiry Expo!

Enjoy exploring and learning about the amazing ecosystems of our world! 🌍