

## Year 8 Science and English Assessment 1 - Ecology

This assessment requires you to apply your knowledge of plant adaptations to a plant of your choice. You have to identify its habitat and describe the environment there. Explain how the physical characteristics and features of that plant e.g size, shape, position, parts of the plant etc helps it to survive in that habitat.

You should also discuss the measures taken by communities to protect/ preserve this habitat, if any. If none at this time, discuss what sensible actions communities can/ should take to protect/ preserve this habitat to ensure the plant's survival. (collective responsibility: **he waka eke noa**)

You will present your findings in a written report.

**Deadline end of week 7 (Friday 20th March).** You will upload your assessment onto MHOL in class time on this day.

### SCIENCE

#### AO Ecology

*L4: Explain how living things are suited to their particular habitat and how they respond to environmental changes, both natural and human induced.*

**Science criteria:**

<b>Criteria</b>	<b>Working TOWARDS curriculum expectation</b>	<b>Working AT curriculum expectation</b>	<b>Working ABOVE curriculum expectation</b>	<b>Working BEYOND curriculum expectation</b>
Habitat	You have yet to identify the habitat and describe the environment there	You have identified the habitat and described the environment	You have identified the habitat and briefly described the environment	You have identified the habitat and described the environment in detail
Adaptation	You have yet to identify any plant adaptations	You have explained a few of the plant adaptations	You have explained most of the plant adaptations	You have explained most of the plant adaptations in detail
Skill - Scientific Literacy and Communication	You may have attempted to use scientific terms in your report	You have used a few scientific terms in your report	You have used some scientific terms in your report	You have used topic related scientific terms correctly in your report
Overall	TOWARDS	AT	ABOVE	BEYOND

**English Criteria:**

Ideas	You have formed and communicated ideas clearly	You have formed and communicated ideas clearly, drawing on a range of sources from your research	You have formed and communicated ideas clearly, drawing on a range of sources and viewpoints from your research	You have formed and communicated ideas clearly, drawing on a range of sources and viewpoints from your research
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Purpose and audience	You have demonstrated awareness of the purpose and audience and used personal voice	You have identified and demonstrated awareness of the purpose and audience and used personal voice	You have consistently demonstrated an awareness of the purpose and audience and used personal voice	You have consistently and confidently demonstrated an awareness of the purpose and audience and used personal voice
Structure	You have used the correct structure for your writing task.	You have used the correct structure for your writing task and your writing shows most of the characteristics of this text type.	You have used the correct structure for your writing task, organising your ideas accordingly, and your writing consistently shows the characteristics of this text type.	You have organized your ideas into the appropriate structure for the task and have confidently used the characteristics of this text type.
Accuracy in writing	You have made errors in grammar, spelling and/or punctuation. These are intrusive and affect meaning	You have made errors in grammar, spelling and/or punctuation. These are intrusive <b>at times, but reader can infer meaning</b>	You have made some errors, but minimal reader inference is needed. Meaning is consistently clear	You have carefully edited your writing to ensure you have few (or no) intrusive errors. Meaning is consistently clear