



Powerful Pollinators

FIELD GUIDE

Grade 5 - Grade 10



Inspire your students to create a field guide of pollinators to use as a handy tool for learning, observation, and exploration fun!

The 'Powerful Pollinators' planting guide will help students to identify pollinators in the local area and begin to enlighten students about the importance of plant species for providing vital nectar and pollen sources.

Learn

What is a pollinator?

A pollinator is a vector such as an insect or the wind, that supports plants by moving pollen from the male part of the flower to the female part of the flower or another flower. This helps the plants produce fruit or seeds. When pollinators go to flowers to eat nectar, they get pollen grains stuck on them, which then rubs off onto the next flower they travel to.

Materials

- 'Powerful Pollinators' guide (appropriate to your region).
- Powerful Pollinators Field Guide - Worksheet (printed on card stock)
- Coloured pencils
- Camera/iPad (optional)

Download a 'Powerful Pollinator Guide' for your region

whenbeefoundation.org.au/our-work/projects/powerful-pollinators/

Instructions

As a class, participate in a 'nature walk' to look for plants, trees and/or shrubs that are pollinator friendly. (Tip: A pollinator friendly plant will be easy to spot as it will be attracting pollinators while it is in flower).

1. Pre-plan a nature walk to visit green spaces in your area where there are native plants present.
2. Using the 'Powerful Pollinators' guide appropriate to your region, students are to identify 1-3 plants from the planting guide they can see. Students may have seen these plants in their own garden, the school grounds, community garden or elsewhere in your local area. (Tip: you can use apps designed to help with plant identification).
3. Draw or take a photo of the plants students have identified. With those identified plants, students are to complete the 'Powerful Pollinators Field Guide' worksheet.
4. Collate your students worksheets to create a field guide to help other people identify these plants as being 'powerful pollinators'.
5. Encourage students to take the new field guide on their next nature walk and share the new found knowledge with family and friends!

Optional: Create a whole class field guide, where students compile their species into one reference book.

Australian Curriculum Links

Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Living things have structural features and adaptations that help them to survive in their environment (ACSSU043)	The growth and survival of living things are affected by physical conditions of their environment (ACS-SU094)	Classification helps organise the diverse group of organisms (ACSSU111)	Multi-cellular organisms contain systems of organs carrying out specialised functions that enable them to survive and reproduce (ACSSU150)	Ecosystems consist of communities of interdependent organisms and abiotic components of the environment; matter and energy flow through these systems (ACSSU176)	The theory of evolution by natural selection explains the diversity of living things and is supported by a range of scientific evidence (ACSSU185)

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Common name

Botanical name

Plant type

Habitat

Height

Flower colour

Flowering season

Pollinators that visit

Drawing of plant species



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