Waikato Waikato ENVIROSCHOOLS

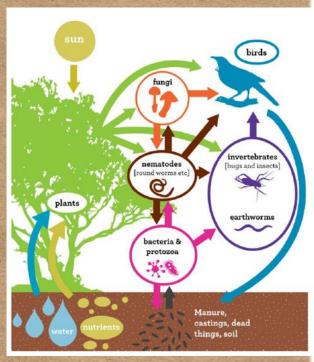
We all live in an Ecosystem!

EXPLORING YOUR GARDEN OR BACKYARD

Our gardens and backyards are ecosystems. Every animal and plant lives in an ecosystem. An ecosystem must contain producers (such as plants), consumers (which eat plants or other animals), decomposers (which eat dead plant or animal matter), and dead and inorganic matter itself

Image - a typical ecosystem (taken from DOC)

Discover your backyard or neighbourhood ecosystem. Investigating the different parts can help you understand how everything is interconnected, where each animal or plant depends on others to survive.



Bug Hunting

Invertebrates, or bugs, are important parts of any ecosystem.

There are pollinators, such as bees and butterflies; herbivores such as stick insects; predators like spiders and preying mantis; parasites such as ticks and lice; detritivores i.e., animals such as worms which break down leaf litter and other organic matter; plus they are also food for reptiles, birds, mammals and other invertebrates!

Download the activity sheet from Horizons Regional Council

- 1. Lift some leaf letter, look under logs or stones and gently collect any insects you find into a bowl/tray
- 2. How many different insects can you find? Count their legs and use the identification sheet to find out what kind of insect they are. Can you draw and name one of them?

ADDITIONAL RESOURCES

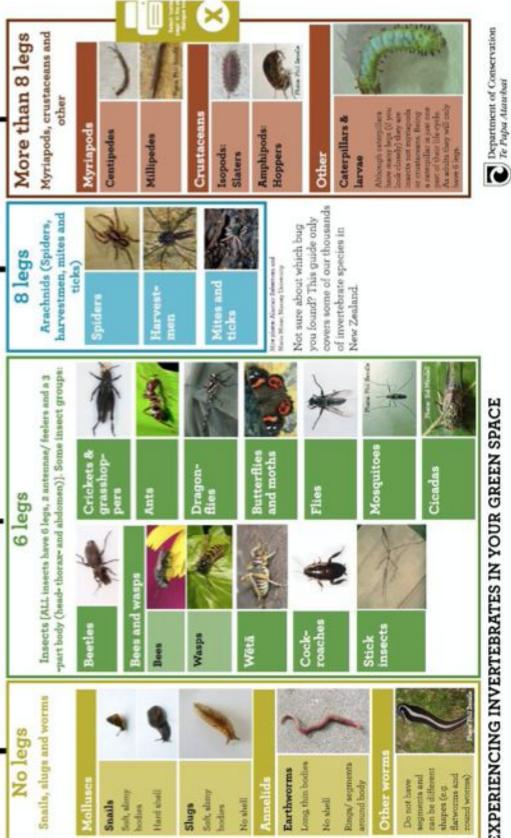
Watch: Yucky Bugs with Rudd Kleinpaste https://www.youtube.com/watch?v=Xh6KVhdPHeE

iNaturalist NZ is a free app that can be used on a smart phone or ipad. You take a photo of an animal (bird, insect, lizard) or plant and record and identify with the help of a community of experts. Record what you see in nature, identify animals and plants, learn about the natural world and your backyard ecosystem. https://inaturalist.nz



NZ Invertebrates: ID guide for students

How many logs does the invertebrate have?



EXPERIENCING INVERTEBRATES IN YOUR GREEN SPACE