

FOOD WEB EXERCISE

A biologist has investigated a forest and has observed the following feeding relationships between organisms. Using the information below, make a food web by:

- ➔ Cutting out the cards
- ➔ Arranging them from top to bottom (or side to side) with arrows linking:

Food ➔ Eaten by, eg: mice ➔ morepork

- ◆ The trees and shrubs convert sunlight to food
- ◆ Possums feed on both the trees and the shrubs
- ◆ The morepork eats mice
- ◆ The spiders and other predatory insects feed on the insects
- ◆ The mice eat the trees, shrubs, insects and spiders
- ◆ The grey warblers and waxeyes are insectivores
- ◆ The kereru feeds on the trees
- ◆ The cat eats kereru, mice, grey warblers and waxeyes
- ◆ The insects feed on the trees and shrubs

➔ Extra for experts: Find the *longest chain* from the sunlight. This animal is at the highest *trophic level* in the food web. (Trophic means feeding).

Trees	Mice	Waxeyes
Shrubs	Spiders	Kereru
Possums	Insects	Cat
Morepork	Grey Warblers	Sunlight