



Who Eats Who?

The Urrbrae Wetland has over 100 different plant species, over 50 different bird species and countless insects and aquatic macroinvertebrates all living together in one ecosystem which means someone is going to get eaten but who?

In any food chain or food web you will find **producers** at the bottom. Producers are organisms who can make their own energy by using sunlight. They do this through the process of **photosynthesis**.



Circle the organisms you think would be producers at the Urrbrae Wetland?

				
Insects	Grass	Pond weed	Fish	Trees

After the producers are the **consumers**. These organisms have to eat other organisms to get their energy. One of the biggest groups of consumers at the Urrbrae Wetland are the **aquatic macroinvertebrates**.



means they live in water



means you can see them with your eyes



means they don't have a backbone



Using the equipment provided collect a sample of aquatic macroinvertebrates, identify them and then tick off the ones you found.

						
Seed Shrimp	Water Flea	Copepod	Non-biting Midge Larvae	Roundworm	Flatworm	Segmented Worm
						
Back Swimmer	Water Boatman	Fishing Spider	Caddisfly Larvae	Damselfly Nymph	Dragonfly Nymph	Yabby



Did you find any other macroinvertebrates that weren't on the sheet? Write their names here. You can include ones your friends found.



Your teacher will now show you some macroinvertebrate cards that tell you what each macroinvertebrate like to eat. Working in small groups, pick one of the macroinvertebrate you found today and look at what it eats.

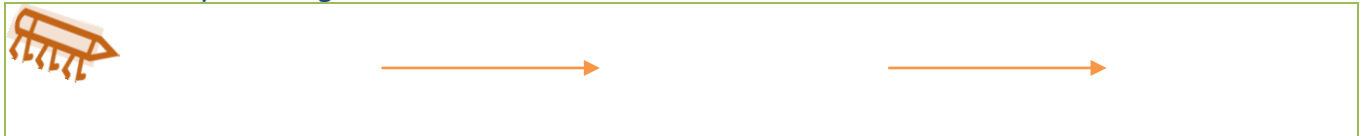
Draw a diagram that shows one thing it eats.



The arrows point to the one doing the eating

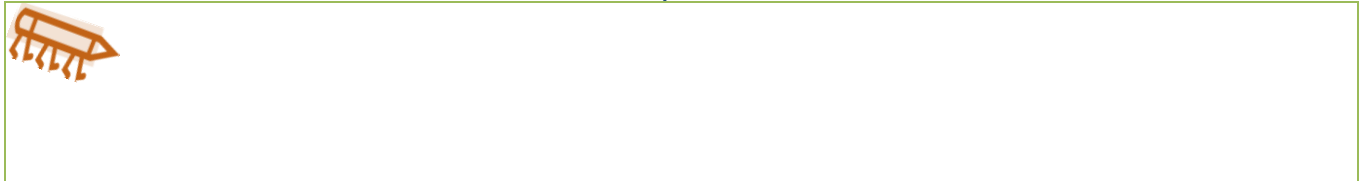


Look at the other cards and find something that eats the macroinvertebrate you chose. Add this to your diagram.



You just drew a **food chain**!

Pick another macroinvertebrate and see if you can draw a food chain for it.



As a group, use the cards and the string to see if you can build a food **web** for the wetland. A food web is just a lot of food chains linked together.

Draw a picture of the food web you can up with

