



Activity 2 **Marine Food Chains**



All living things are connected.

Everything in the sea is connected.

A marine snail eats seaweed.

The snail is then eaten by a fish.

The fish is eaten by a seal. This is called a food chain.

Use the marine plant and animal cards to make food chains. You can use each card more than once if you need to. Use them to complete food chains below.



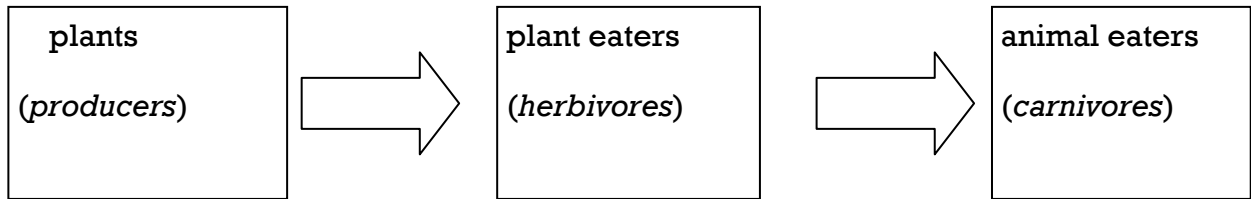
Now use string and card to make a food chain mobile.



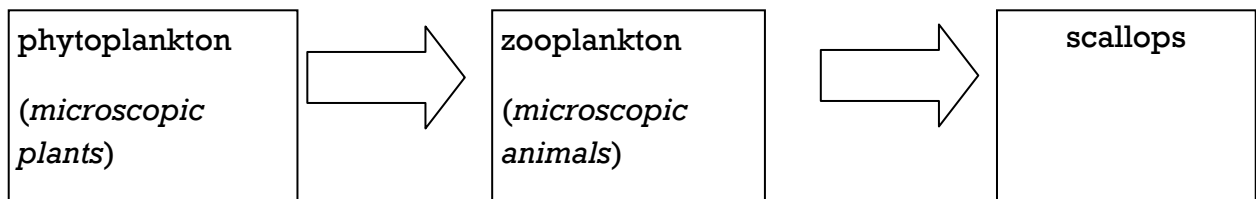
Activity 3 Food Chains and Food Pyramids



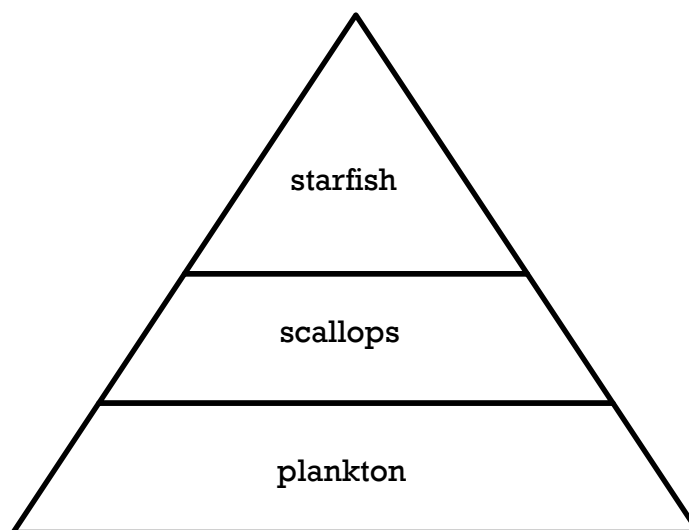
Food chains describe the flow of energy through an ecosystem, from the sun, through the green plants to the animals. The plants are called **producers** because they can make food using energy from the sun and simple chemicals in the water. **Herbivores** feed on the plants and in turn, are eaten by **carnivores**.



For example, in Lamlash Bay



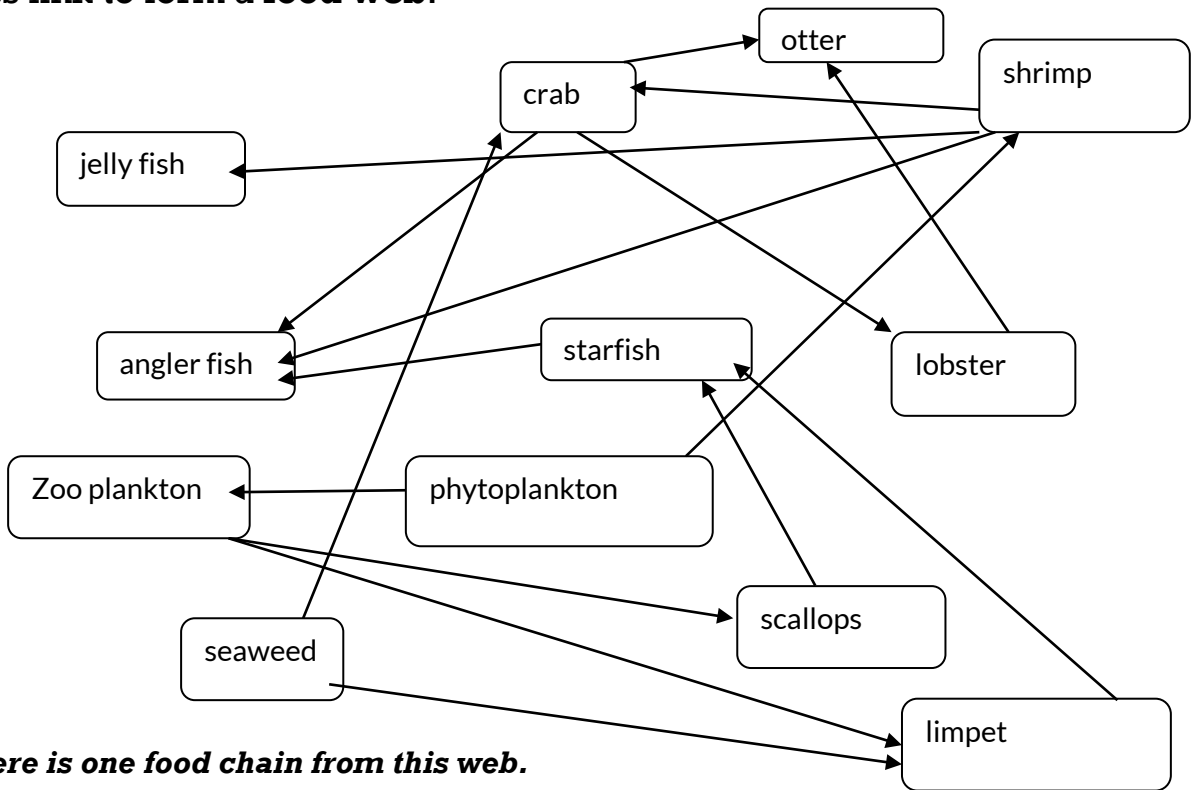
Food chains are sometimes drawn as pyramids, to show that it takes many organisms lower down the chain to feed the top carnivores or predators.



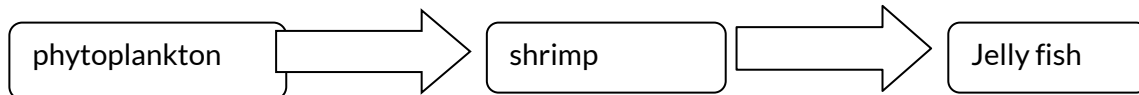
Activity 4 Food Chains and Food Webs

Food webs

In an ecosystem such as Lamlash Bay, many food chains exist and they cross link to form a **food web**.



Here is one food chain from this web.



How many food chains can you make using the organisms in this web. Make some with three organisms and some with four. Remember to start each food chain with a plant.

