

Primary 2-3 Level B

Food chains and food webs



Aim

To develop understanding of how people and animals feed in the wild and the knock on effects that occur when the food chain is disrupted.

Attainment targets

Interaction of living things and their environment

- To develop basic independency of living things
- Predict the effects of altering the numbers of an organism in one part of a food web
- Ability to recognise that organisms living in a habitat compete with each other for food resources

Social and environmental responsibilities

- Ability to recognise the importance of plants as the food source at the start of all food chains
- Students will display an understanding and be able to apply basic information about food chains to specific habitats and species in the United Kingdom.

Time Required

1 – 1.5 hours

Teachers Notes

This section aims to reiterate and help build an understanding of food chains and food webs.

It aims to provide a practical session so that children can understand how organisms compete with each other for food resources.

There are four parts to the module.

- 1) Create a food chain.
- 2) Develop understanding of how a food chain forms part of a food web.
- 3) Create a food web relevant to nature and animals at the safari park
- 4) How do predators affect the food chain and food web

The birds of prey centre provides a good opportunity for children to get up close to birds of prey. Ask the children to list what makes birds of prey such good predators. List what would make good prey for them.

Useful links

www.vtaide.com/png/foodchains.htm



BLAIR DRUMMOND SAFARI AND ADVENTURE PARK



Food chains and food webs

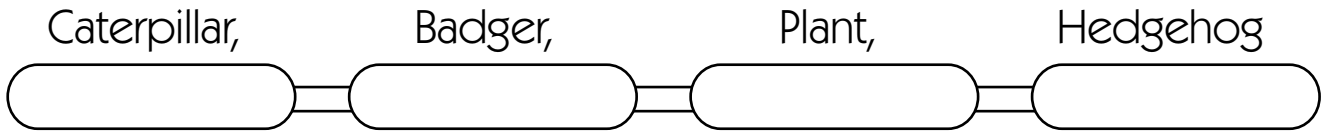
Task 1 - Create a food chain

Food chains usually start with plants and only have four or five links. The chain shows how each animal or insect gets its food and how it forms part of a chain. Food chains generally start with plants and end with carnivores.

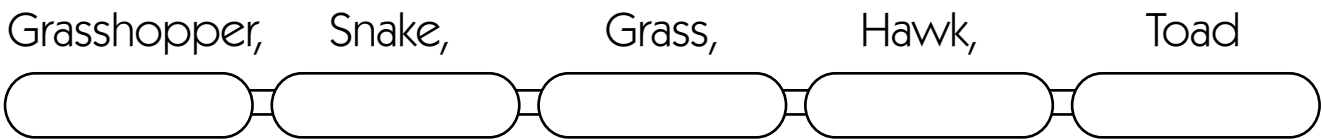
Below are two lists of animals.

Rearrange the lists below to complete both the food chains.

Food chain 1)



Food chain 2)



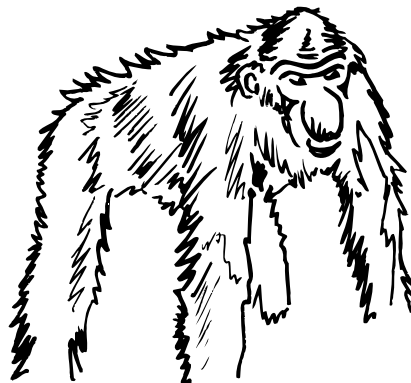
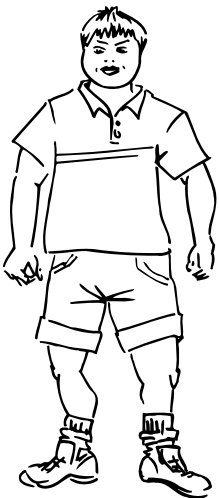
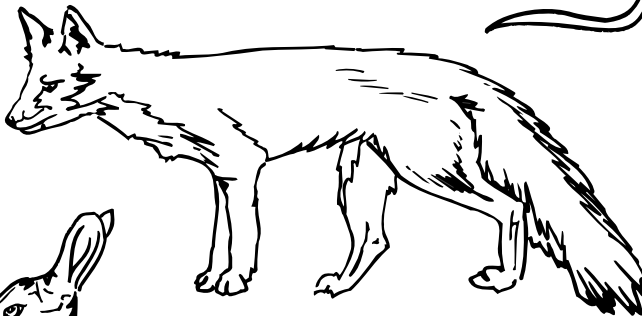
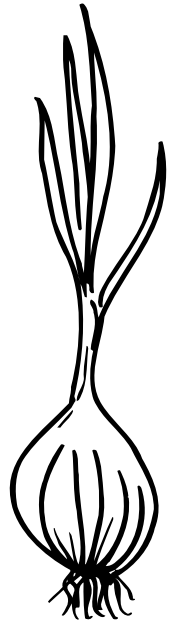
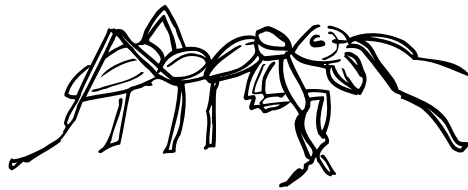
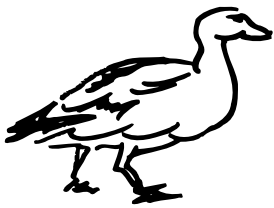


Food chains and food webs

Task 2 - Create a food web

Food webs show the links between different food chains and how they relate to each other.

Cut out the pictures below and create your own food web. Remember that all food webs start with plants.



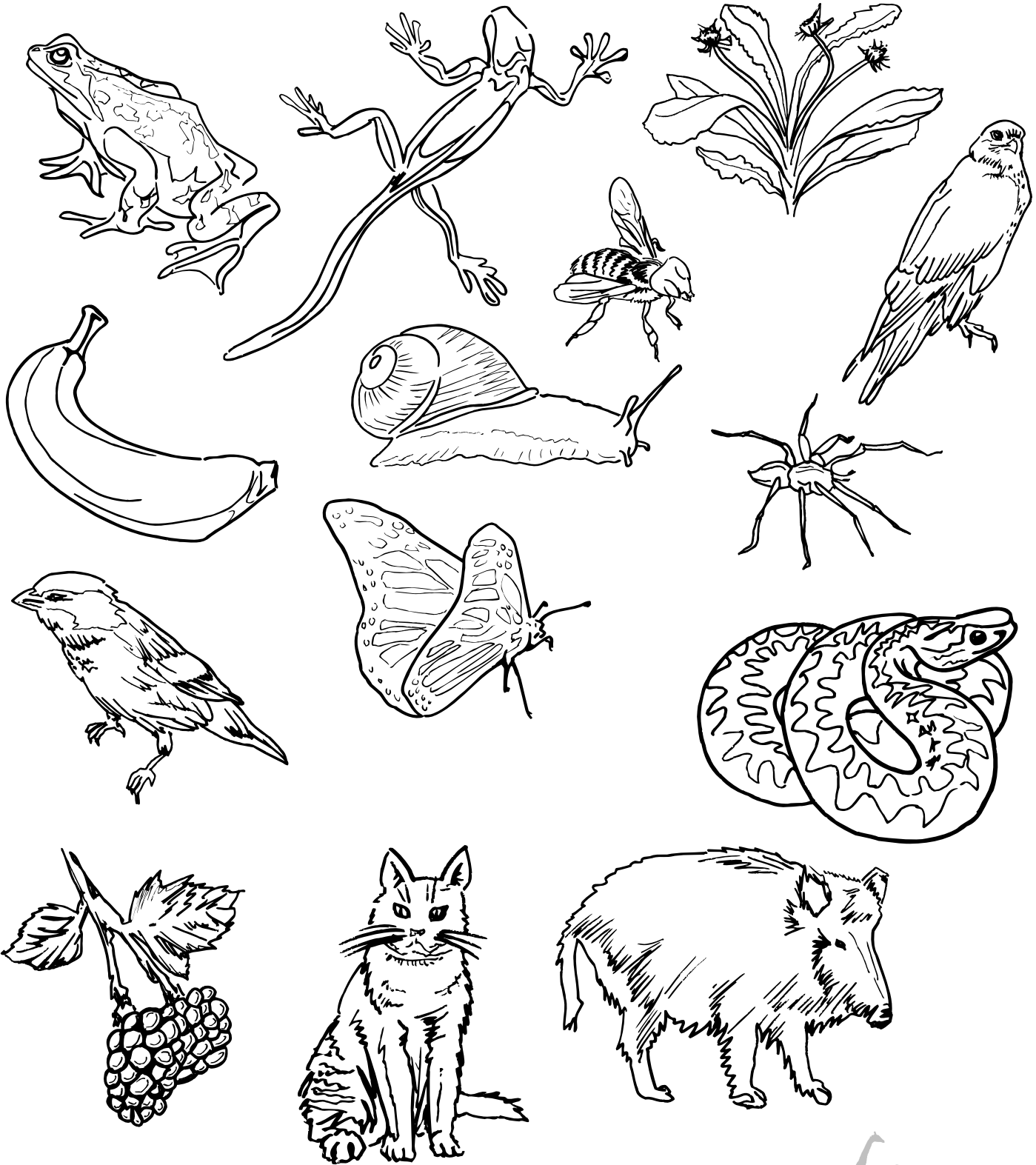
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Task 2



Food chains and food webs

Task 2 - Create a food web





Food chains and food webs

Task 3 - Predators

What happens when one part of the food chain is altered?.....

If there are fewer plants what will happen?

Predators play a large part in the food chain and are at the top of the pyramid. If there were too many predators how would they survive?

There are some very dangerous animals at the safari park and some that are at the top of the food chain.

Can you name them.....

