

Food Chains Lesson Plan

Intended Age: KS1

Subject: Science

Curriculum Links:

Working Scientifically

- Identifying and classifying,
- Using observations to answer questions.

Living things and their habitats (Year 2)

- Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food

Introduction:

Watch the Science Farm – Farm Food Chain Video from www.nfuonline.com/schools. Recap the video: What were the animals that we saw? Did we learn any new words?

Split the children into mixed ability groups of 3 and give each team a grass headband and a cow mask (the 3rd mask-less team member is the human!). Challenge each group to position themselves in the correct order.

Discuss the 4 words below:

Producer – Most producers are plants they get their energy from the sun

Herbivore – Herbivores are animals that only eat plants

Omnivore – Omnivores eat plants and other animals

Carnivore – Carnivores eat only other animals are their main diet.

1 minute energiser - Children still with masks have to stand up when the teacher calls their classification out

Main Session:

Each child creates a paper food chain using the attached resource sheet. Children independently decide which order the food chain should be linked and create their food chain.

For those that would find the above activity difficult-

Children identify and write the animals already mentioned in the introduction and pictured on the chain links with help from an adult.

For those that would find the above activity too easy-

As well as completing the new food chain children also add classifications to each link.

Plenary:

Guess Who? Using the slides provided teacher or confident child chooses one of the animals on the slide. Children must ask Yes/No questions to eliminate all the other animals.

Example questions- Are you an omnivore? Do you live in jungle habitat? Do you live on a farm? Do you eat other animals?

Interactive whiteboard users can cross off animals as they go.

Extension Activities and more ideas:

- Create your own animal masks and ask students to group themselves into food chains or categories – extend learners by introducing the terms primary, secondary, tertiary consumer.
- Create food chains using pictures stuck to stacking cups.
- Use a simple Venn diagram relating to the food an animal eats to determine if it is a herbivore, omnivore or carnivore