

Science

Animals Including Humans

L.O. Use and construct food chains to identify producers, predators and prey



Vocabulary

Food chain, producer, predator, prey, consumer, decomposers, primary, secondary, herbivore, carnivore, omnivore

Websites

<https://www.bbc.co.uk/bitesize/topics/zx882hv/articles/z3c2xnb>

<https://www.bbc.co.uk/bitesize/topics/zbnbn9q>

Activity

Look at the examples of food chains shown below.

Draw your own examples of food chains, listing each animal as a producer, predator, prey, primary consumer, secondary consumer, decomposer

What is a food chain?

The definition of a food chain is a system where a small animal is the food for a larger animal which, in turn, is the food for an even larger animal. An example of food chain is a fly being eaten by a frog and then the frog is eaten by a larger animal.

There are names to help describe each link of the food chain. The names depend mostly on what the organism eats and how it contributes to the energy of the ecosystem.

Producers and consumers

Plants get their energy from the Sun. They are called producers because they make their own food.

Predators are animals that eat other animals. The animals they eat are called prey.

Animals are called consumers, because they eat plants and other animals. They do not make their own food. Animals that eat plants are called primary consumers or herbivores. Animals that eat other animals are called secondary consumers or carnivores. If a carnivore eats another carnivore, it is called a tertiary consumer. Some animals play both roles, eating both plants and animals. They are called omnivores.

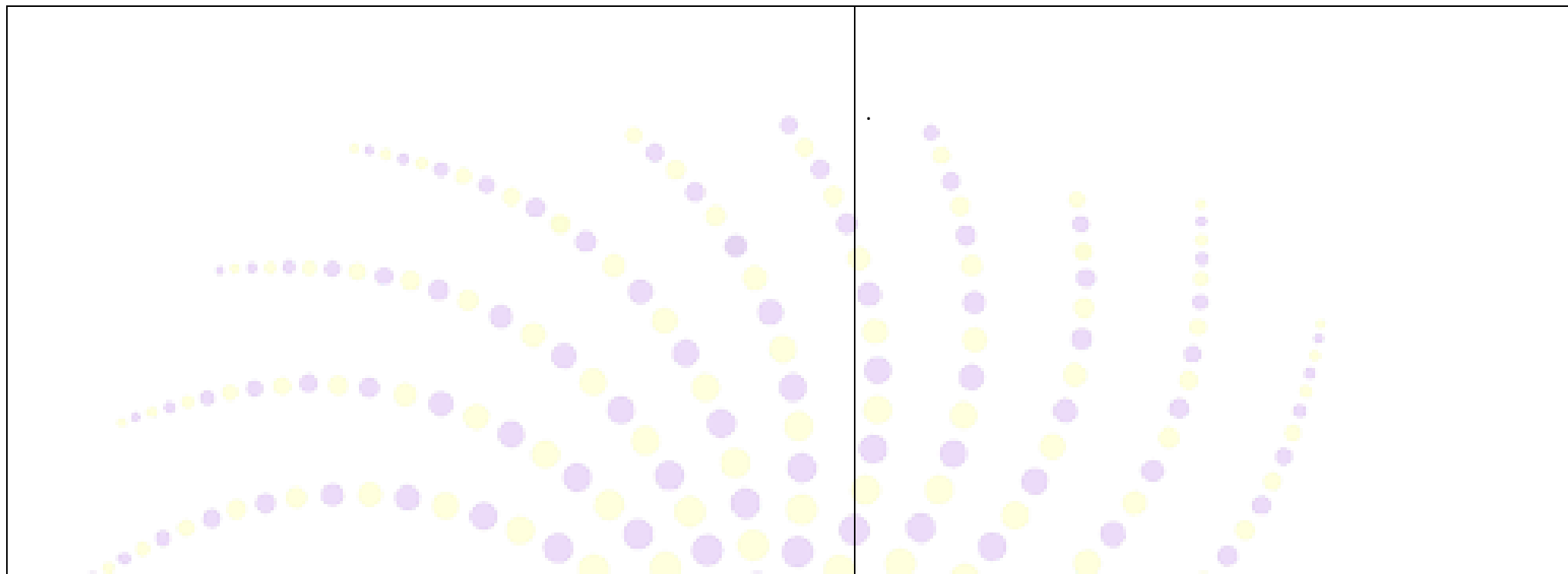
Example of a food chain

grass ----> zebra ----> lion

grass = producer

zebra = primary consumer

lion = secondary consumer



Sandylands
choice learning, life life

