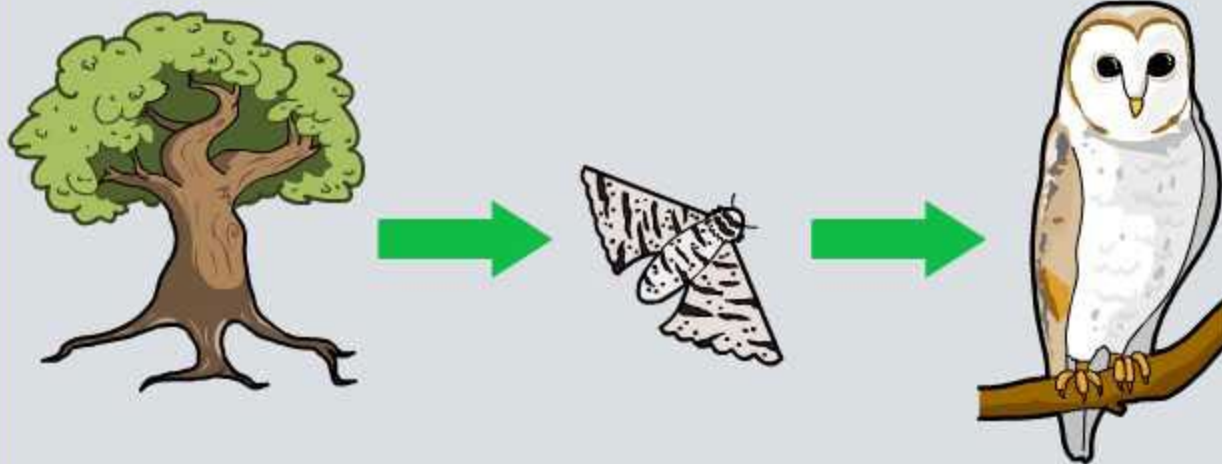
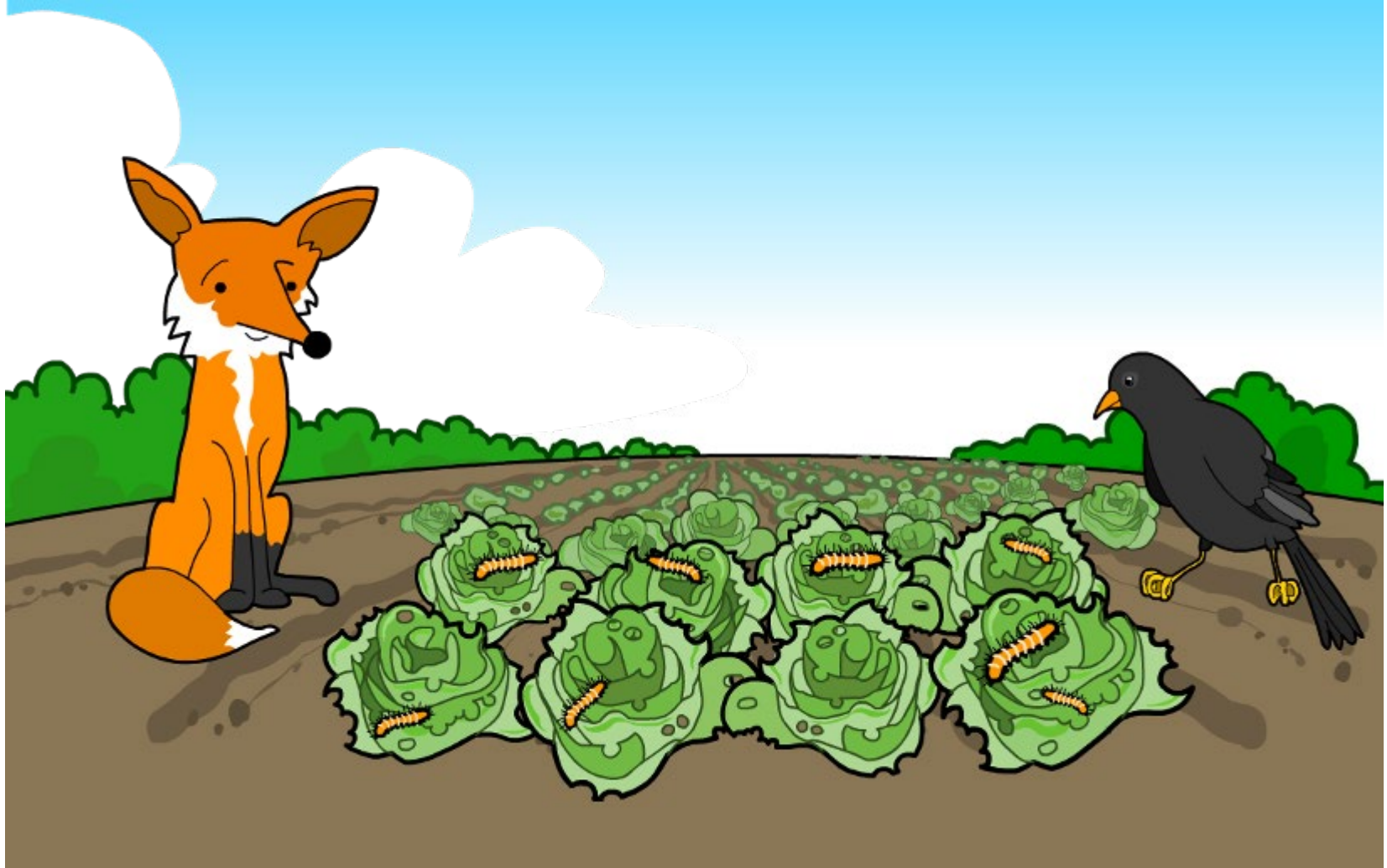


Food Chains

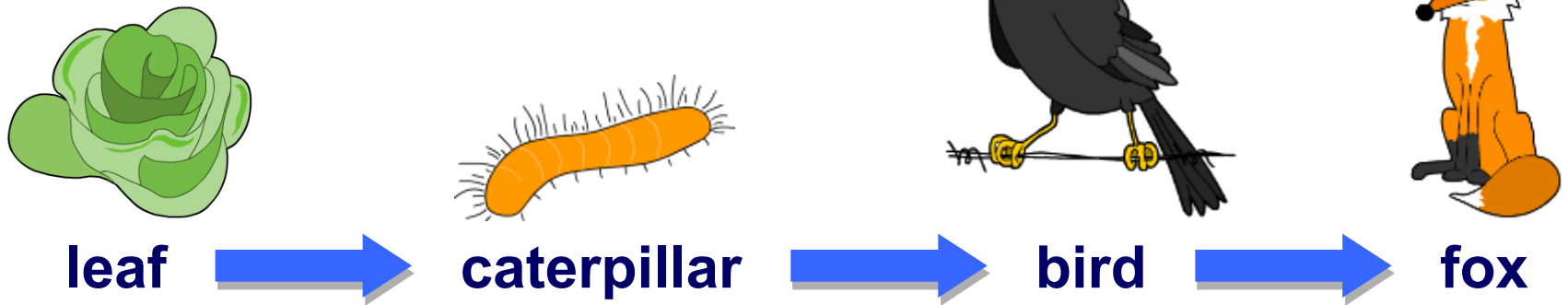


Food chains – who eats what?

Can you see a food chain in this habitat?



A food chain is a sequence that shows how each individual feeds on the organism below it in the chain. Each arrow means 'eaten by'.



What does this food chain show?


A leaf is eaten by a caterpillar, which is then eaten by a bird, which is then eaten by a fox.

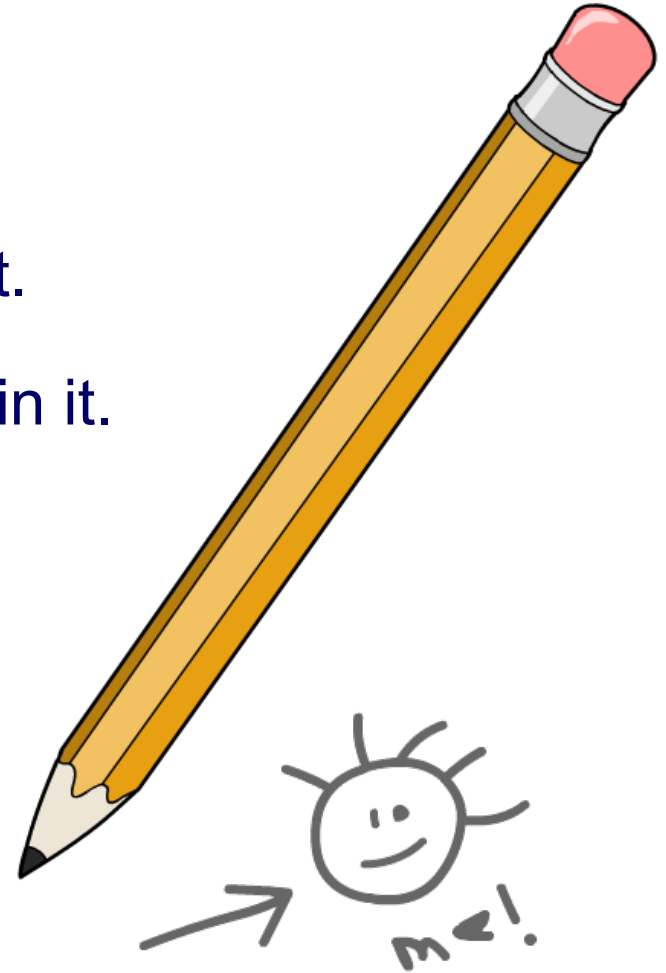
Energy is transferred from one organism to another in the direction of the arrow.

Food chains – draw your own

Draw your own food chains based on the following guidelines:

- A food chain from a **forest** habitat.
- A food chain from an **ocean** habitat.
- A food chain with **four organisms** in it.
- A food chain that ends with **you!**

Use arrows () to show the transfer of energy between the organisms that you choose.



Building an Antarctic food chain

Read the following information about feeding relationships in Antarctica, and draw a food chain that describes them.

Click "**start**" to begin.



start

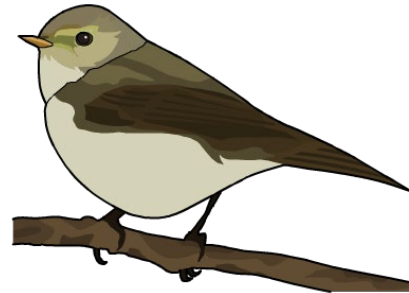


Producer, herbivore or carnivore?

Food chains always start with a **producer**.

If the producer is a plant, only a small part of it might be involved in the food chain, such as its seeds, fruits, leaves or even dead leaves.

From a food chain, we can tell if an organism is a **producer**, an **herbivore** or a **carnivore**.



leaf



snail



bird



owl

What are the feeding types of the animals in this food chain?

Name that feeding type

What is the feeding type of each organism?



seaweed

?



limpet

?

producer



crab

?

?

C

solve

↶

Ranking consumers

Consumers eat plants or animals, or both. A food chain can be used to rank different types of consumers.



seaweed



limpet



crab



human

producer

**primary
consumer**

**secondary
consumer**

**tertiary
consumer**

- Producers – make their own food.
- Primary consumers – eat producers.
- Secondary consumers – eat primary consumers.
- Tertiary consumers – eat secondary consumers.

Primary, secondary or tertiary?

What is the feeding type of each organism?



tree



moth



chickadee



owl



?

?

?

?

tertiary
consumer



solve



Food chain populations

