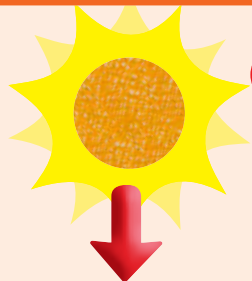


# Activity 5.3 Who eats what?



? What are food chains and food webs?  
What do they have to do with energy?



Food chain

**FOOD CHAINS** show what eats what.

In this chain, grass gets its energy from sunlight. The grass is then eaten by the kangaroo, which is then eaten by the dingo.

**ENERGY IS TRANSFERRED THROUGH THE CHAIN.**

Several food chains usually link to form a food web.

Energy to run most of life on Earth comes from the sun. It is absorbed by plants during photosynthesis. Plants are producers.

It is then transferred to animals that are herbivores (plant eaters). They are also called first-order consumers.

The herbivores are then eaten by a carnivore. Sometimes this carnivore is eaten by another carnivore. Carnivores are called second-order consumers. If they are at the end of a food chain, they are also called a top predator.

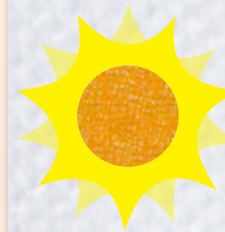
## Energy and food chains

### What to do:

In your **Notebook**:

1. Draw two different food chains from the food web on the right.
2. Describe the top predators in this web.
3. What energy form is being passed through each food chain?
4. Each food chain only has arrows going in one direction and do not include cycles. Where does the energy finally end up?
5. An eagle has a high energy demand. Using correct sentence structure write one paragraph that explains how an eagle gets its energy. Make sure you track the energy story back to its origin.

**FOOD WEBS** show how food travels from one plant or animal to other animals. They show how energy flows through natural systems.



Food web

