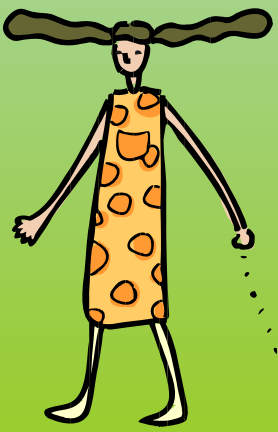
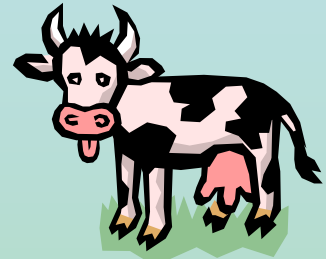


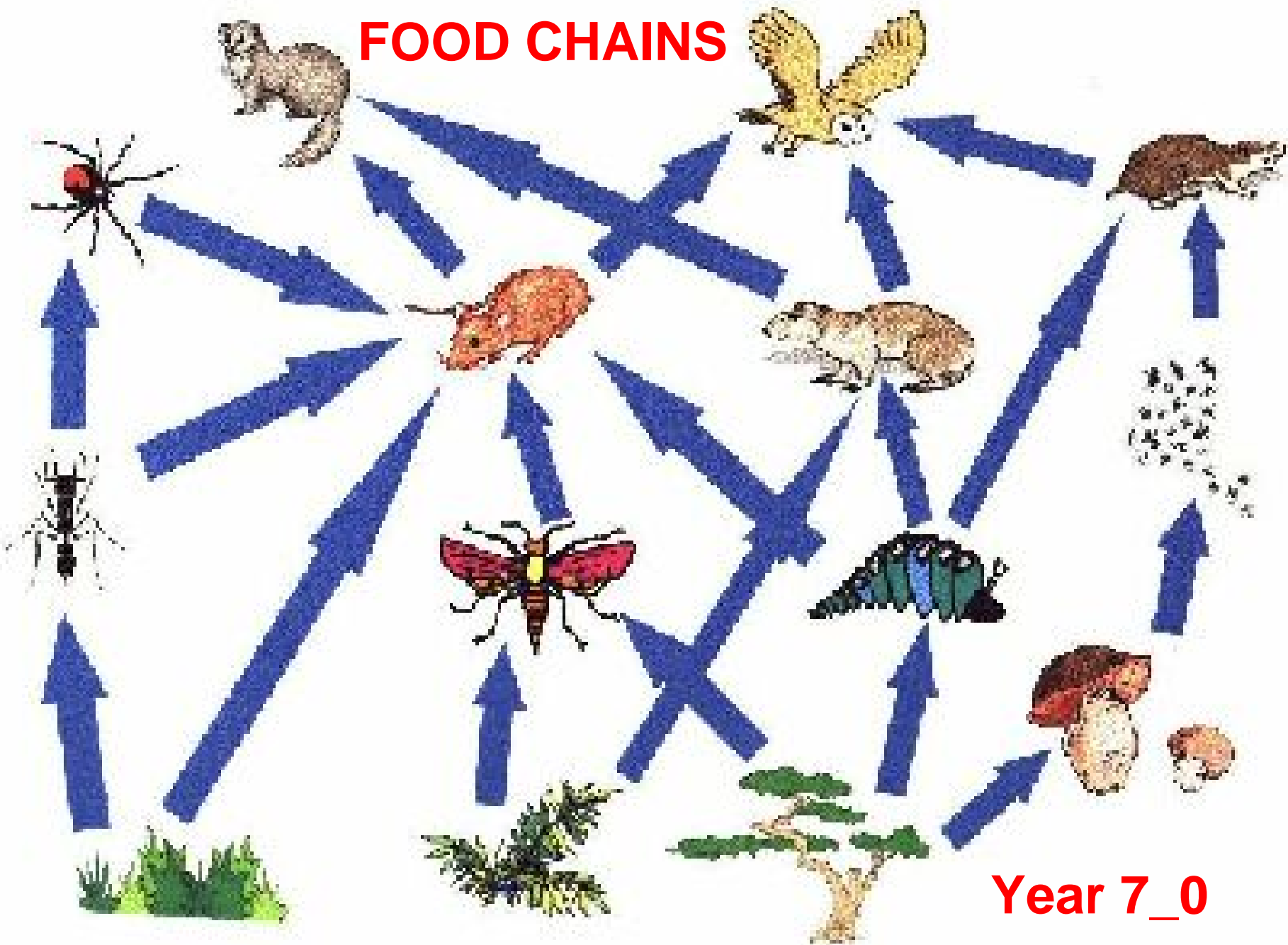
Entry Activity...



An organism that only eats other consumers.	carnivore
An organism that only eats producers.	herbivore
An organism that makes its own food.	producer
An organism that cannot make its own food.	consumer
An organism that eats the both consumers and producers.	omnivore



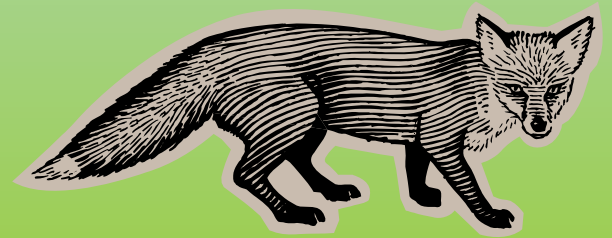
FOOD CHAINS




Year 7_0

Food Chains

- Food chains show us what is eaten by what.
- Look at the following food chain...



Food chain

- The  shows the direction of energy flow in the chain. We can imagine that the arrow means 'eaten by', so energy is transferred in the direction of the arrow.
- Grass is eaten by the Sheep, which is eaten by a fox.



Food Chains

We can use a food chain to group organisms in another way:



- seaweed → limpet → crayfish → humans

Producer

These organisms make their own food

Primary consumer

This is an organism that eats producers.

Secondary consumer

This is an organism that eats primary consumers.

Tertiary consumer

This is an organism that eats secondary consumers.

Food Chains Activity...

Draw four different food chains using the following as guidelines:

1. One of your food chains must occur in the forest.
2. One of your food chains must occur in the ocean.
3. One of your food chains must end with you.

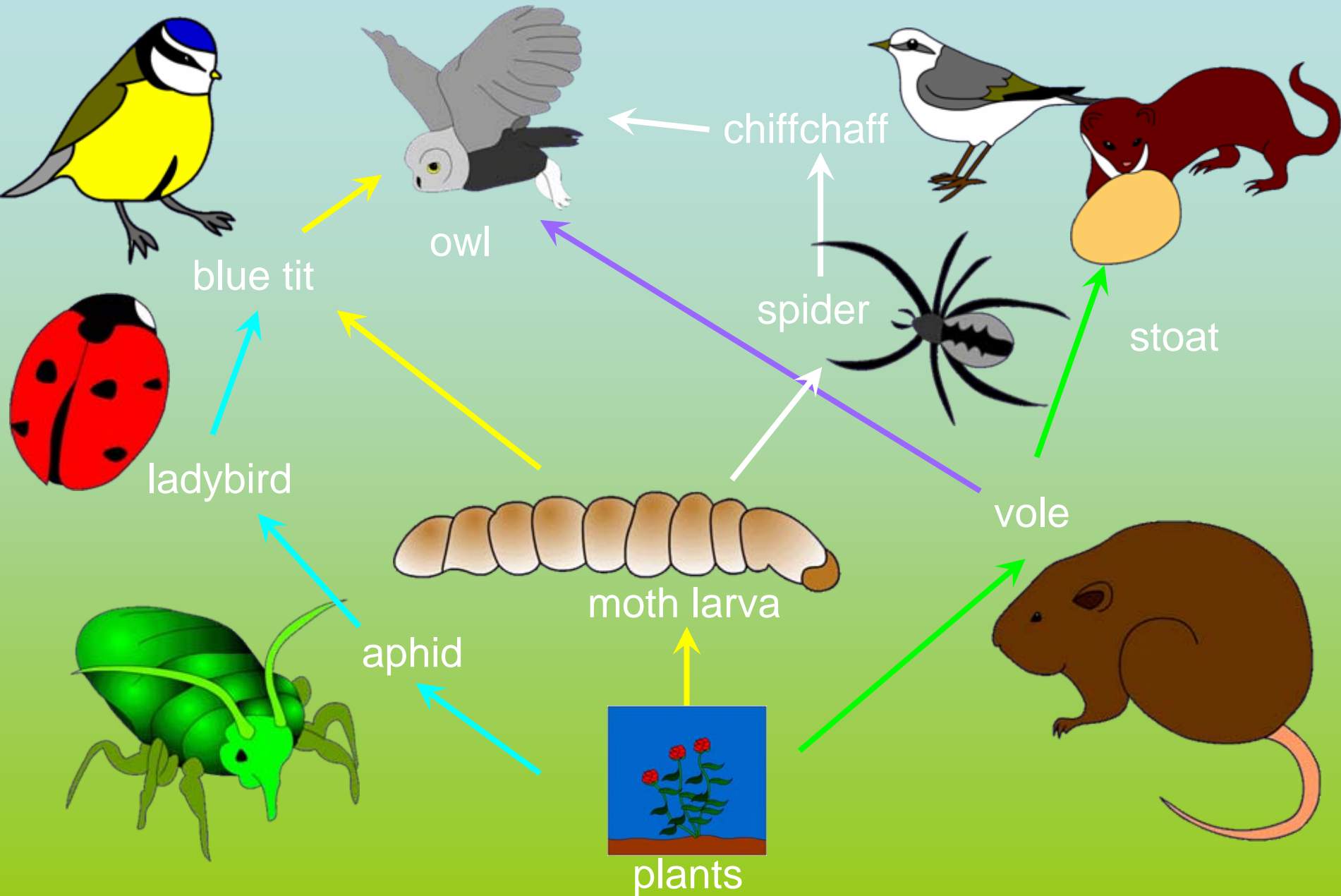


Food webs...

Most animals usually eat many different things. So rather than have lots of different food chains for the same organisms we can put them together to make a food web.



Watch how the food chains are put together to make a food web.



Food webs

- For example:
- The food web on the next slide has put together all of the food chains below:
- plants → aphid → ladybird → blue tit → owl
- plants → moth larva → blue tit → owl
- plants → moth larva → spider → chiffchaff → owl
- plants → vole → stoat
- plants → vole → owl

Food Web Activity...

Make your own **FOOD WEB** by choosing some of the animals that you can find in your worksheet.

Apparatus:

- A4 sheet
- Worksheet
- Glue stick
- scissors

