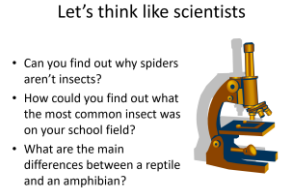
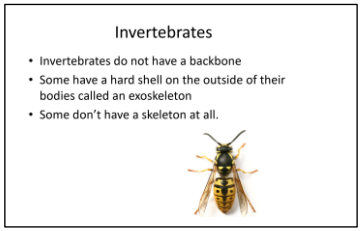
Week 12 Y4 Discovery

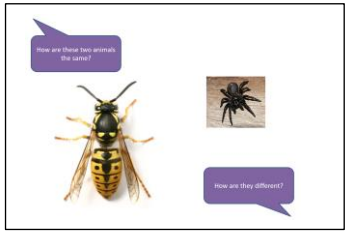
Classifying Living Things

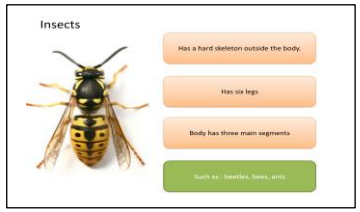


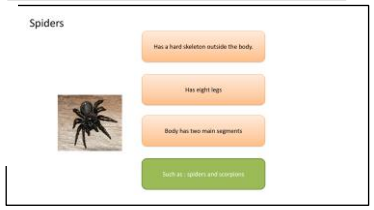
Living things can be sorted into plants and animals (animalia). This week we are looking at classifying animals.

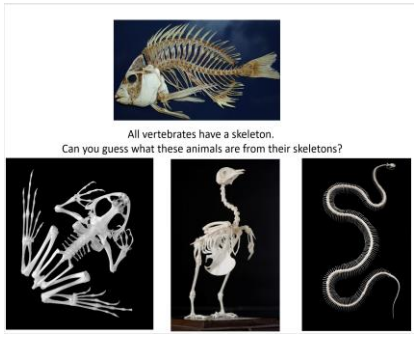
Animals can be split into two further groups: **vertebrates** and **invertibrates.**











Vertibrates can be classified into 5 groups:

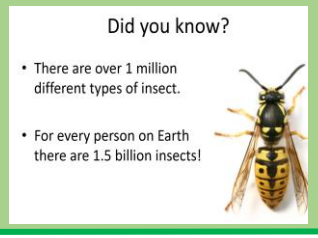
- Reptiles
- Birds
- Fish
- Amphibians
- Mammals

Living Things

Plant or animal?

In this topic, you will:

- learn how living things can be classified
- use a simple key to identify living things
- learn about invertebrates and vertebrates
- learn how to sort and classify living things.



Music Lessons Year 3 and 4

Each week we will upload lessons sent by Mrs Bird as part of your Music Sound Start program you would normally get in school.
The files and videos are uploaded to Charanga Yumu. You can login in here: http://www.croydonmusicandarts-soundworks.co.uk/yumu/login
The lessons are designed so you can do them without having your instrument at home (if you do that is also helpful).
You should have a Charanga login sent to you from your class teacher, if you don't have one please let them know and they will send it.
Email any work to your class teacher and they will forward it to Mrs Bird.

Log in to continue your music lessons from where we left off in school. You will not need your instrument. Mrs. Bird will update these lessons weekly. I will send you your password in case you have forgotten it!
http://www.croydonmusicandarts-soundworks.co.uk/yumu/login

Wildlife in the garden

Don't have a garden? You don't need one- just a windowsill or jar with holes in the lid…

All these creatures can be found in and around our gardens and woodland. What does it need to survive?

Can you design a habitat for one of these creatures?

Video - How can we help wild animals?

The wildlife garden project- how to help a hedgehog

Art

Take a look at the art of Mark Powell. He uses a biro and odd bits of paper to create fantastic artwork. Can you use his ideas to create some art of your own?

Online safety - try these new activities from Thinkuknow with an adult- the resource is about giving advice to someone when they have been upset by someone else online
https://www.thinkuknow.co.uk/globalassets/thinkuknow/documents/thinkuknow/parents/pdf/thinkuknow-8-10s-home-activity-sheet-4.pdf

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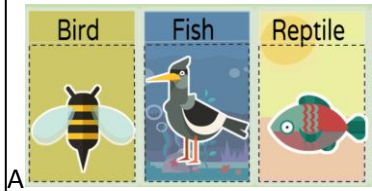


Which groups are missing?

Vocabulary

characteristics
classification
environment
habitat
key
organism

Present a mini project about one of these animals.

What can you find out about them?

What features help you to classify them?

What habitat do they live in?

What do they eat?

Are they a predator or prey?

How would you group these animals?

What headings would you use?

How are they the same and how are they different?

Choose some of the creatures from the pictures on the right.

All these creatures can be found in and around our gardens and woodland, and certainly around the school playing fields.

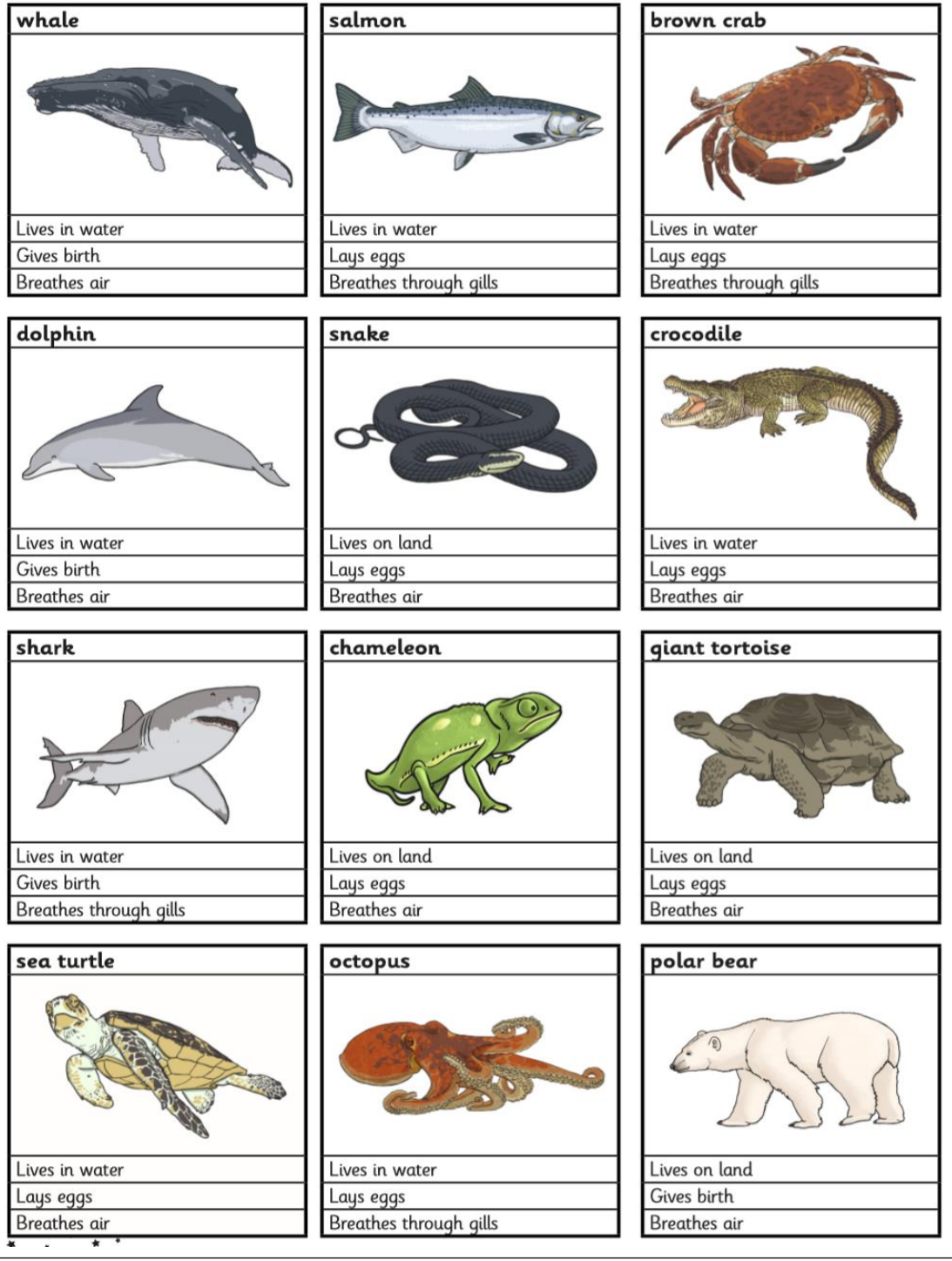
What type of living thing is each one?

What does it need to survive?

Can you design a habitat for one of these creatures?

Video - How can we help wild animals?

The wildlife garden project- how to help a hedgehog



Mammals

Gives birth to live young. Doesn't lay eggs.

Has hair.

Feeds its young with milk.

Warm-Blooded

Fish

Some lay jelly-like eggs.

Slimy, scaly skin.

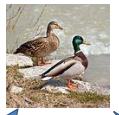
Lives in water. Has gills.

Cold-blooded

Birds

Lays eggs with a hard shell.

Covered in feathers. Has wings.



Has a beak. Does not have teeth.

Warm-Blooded

Amphibians

Lays jelly-like eggs. Has to return to water to lay its eggs.

Slimy, smooth skin.

Cold-blooded

Reptiles

Lays leathery eggs on land.

Dry, scaly skin.

Cold-blooded

These are the main ways we classify the five types of vertebrates. Look up classification and see if you can find any more ways to describe these groups.

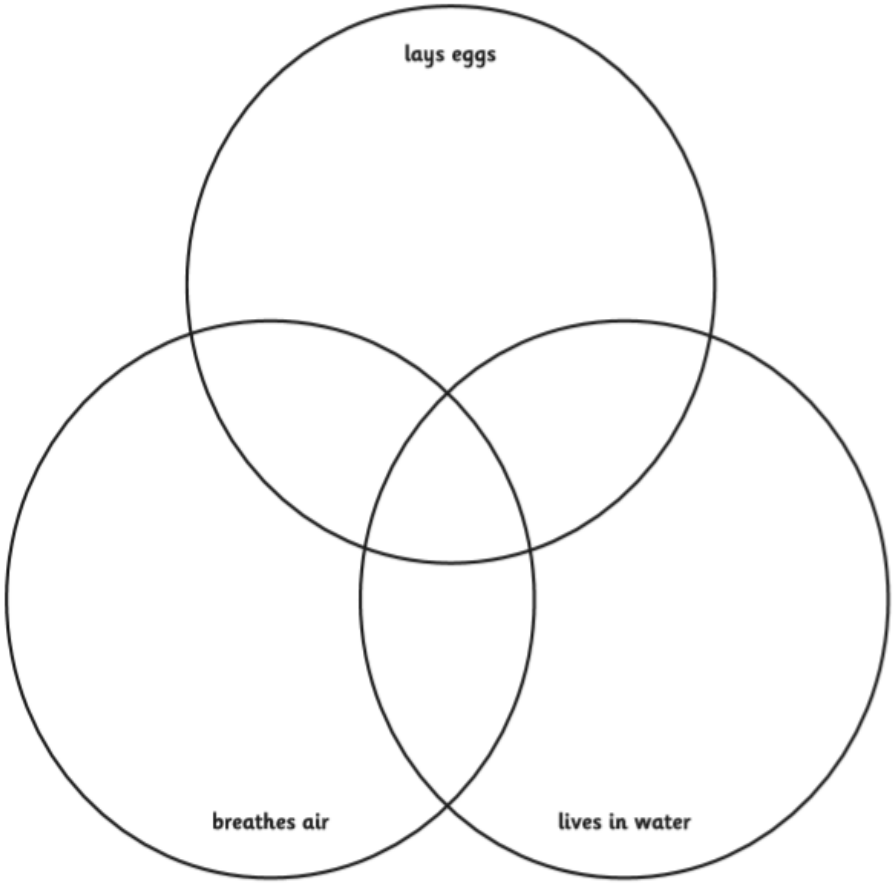
Use this list:

1. Use the venn diagram to sort these animals into groups
2. Design your own diagram to sort the animals by different criteria

bats peacock snail echidna earthworm snake lobster tortoise eel starfish jellyfish lemur shrimp wolf mouse gorilla brown bear gazelle whale lion pangolins sea lion koala elephant walrus stingray gecko rhino panda bear squirrels t urtle slug chameleon beetle frog clownfish ostrich crab emu crocodile

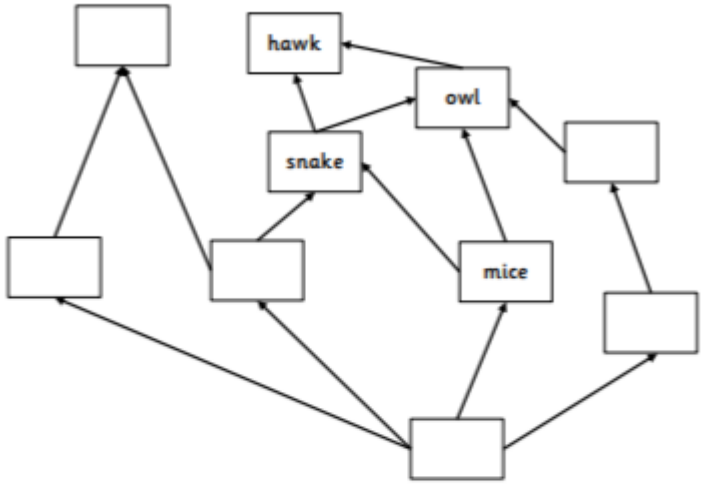
praying mantis flamingo swan mosquito dragonfly pigeon toucan hummingbird chicken bee goose eagle ladybird

Grouping Animals Extension



Food Chains

Fill in the missing animals from the food web using the word bank below.



cow	frog	grass
human	rabbit	insects

Give an example of a producer from the food web:

Give an example of prey from the food web:

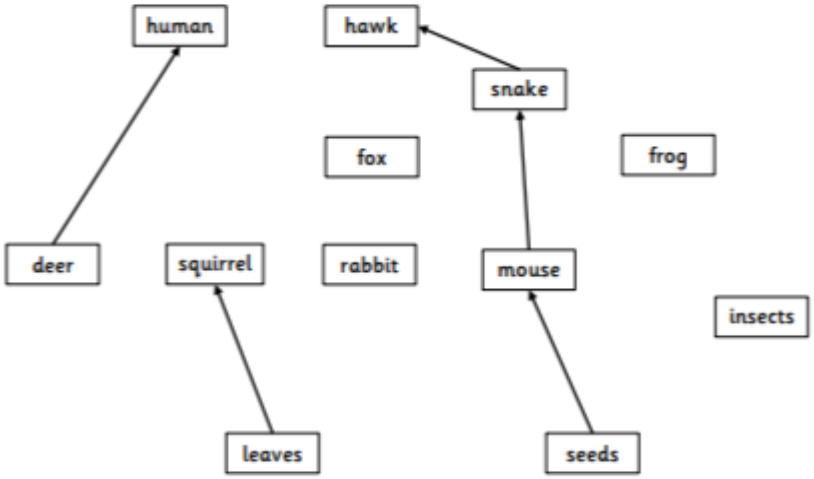
Give an example of a predator from the food web:

Give an example of an animal that is both prey and a predator.

Are humans producers, prey, or predators?

Food Chains

Fill in the missing arrows to complete the food web.



Fill in the table giving all examples of producers, prey and predators found in the food web. Some animals may belong in more than one category.

Producers	Prey	Predators