

Science



Living Things and their Habitats

- Please read through this power point with your child talking about the animals you see and the habitats you would find them in. I have included lots of links which are in purple, just click on these and they will take you straight to the website.
- This time I have kept the topic the same for both Key stages as I know it must be very hard having to home school when you have more than one child. Hopefully they can work together on some of the tasks. Check out the school Face book page for some tips on drawing ladybirds!
- If you want to try and stick to a timetable I teach Science to Class 1 on Thursday afternoons and Class 2 Wednesday afternoons.
- Have fun and I will look forward to hearing from you.
- Mrs Cuthill



What I am Learning:

National Curriculum

Explore and compare the differences between things that are living, dead, and things that have never been alive.



Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.

Child Friendly

- I know that something living is called an organism.
- Plants and animals are living organisms.
- I can name some things which have never been living.

- I can name some different habitats and say what animals or plants might live there.
- I can draw a food chain and knows it starts with a plant.

LIVING THINGS AND THEIR HABITATS

SING ALONG WITH THE
HABITAT SONG-CLICK ON
THIS LINK...

Key Stage 1
Science



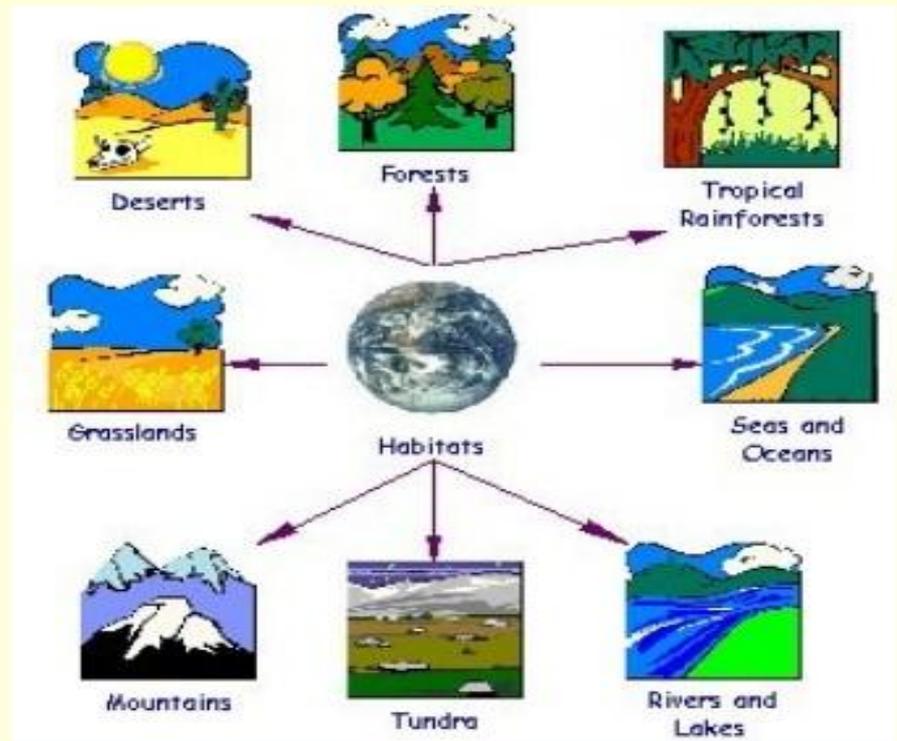
What is a habitat?

- ▣ [What different types of habitats are there? click here](#)



What is a habitat?

- Every animal has a habitat.
- The place where an animal or plant lives and grows is called its habitat.
- A **habitat** is where an animal finds the food, water, and shelter it needs to live.
- For example, a toucan's habitat is the rainforest.



Where a plant or animal lives is called its **habitat**



Research:

Can you find out the difference between a biome and a habitat?



Hunting Round the Garden

- ▣ You can find wildlife just about anywhere you look. This morning in my garden I found frogs hiding under plant pots, woodlice under bark and a robin hunting for worms.
- ▣ What can you find in your garden?



Remember to take a break



Remember to be careful things
which are small can get hurt more
easily.

	In the leaves	By the pond	In the tree	Under a stone	On the lawn
Woodlice					
Worms					
Pigeons					
Frogs					
Squirrel					

Organisms

- ▣ An **organism** is a living thing. Plants and animals are organisms.



How many living organisms can
you count in this video?

[click here to start counting?](#)



Plants- Plants make food using sunlight- Photosynthesis



Fungi is not a plant it does not makes its own food like plants do.



Animals

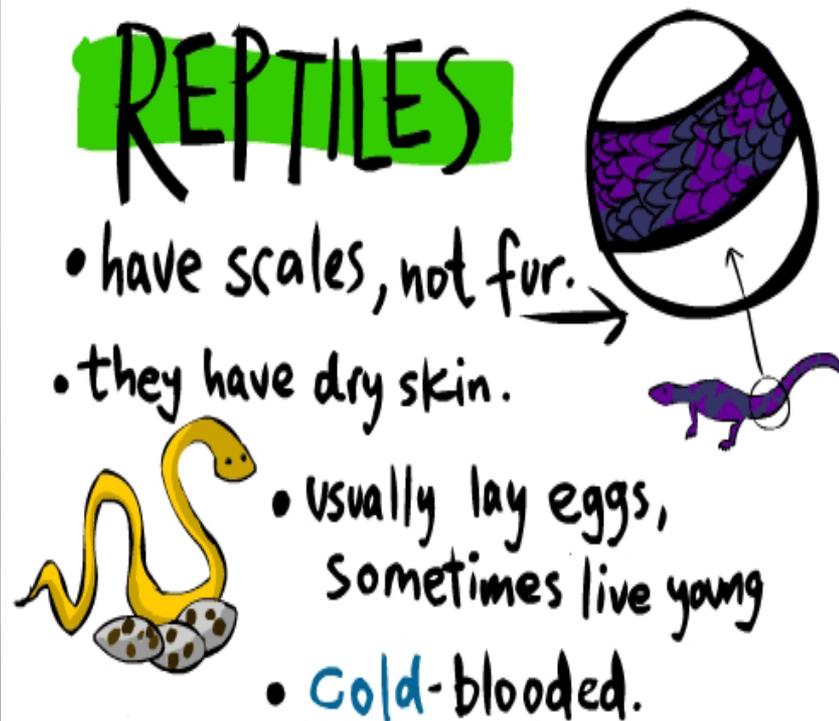


Animals can be sorted into groups

REPTILES

REPTILES

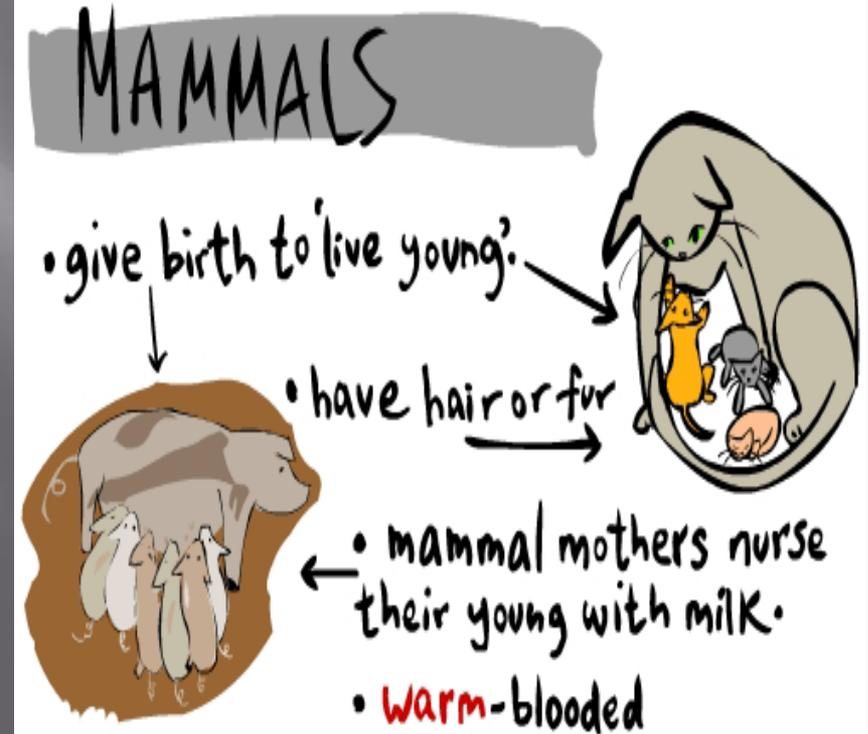
- have scales, not fur.
- they have dry skin.
- usually lay eggs, sometimes live young
- **Cold-blooded.**



MAMMALS

MAMMALS

- give birth to 'live young'.
- have hair or fur
- mammal mothers nurse their young with milk.
- **Warm-blooded**

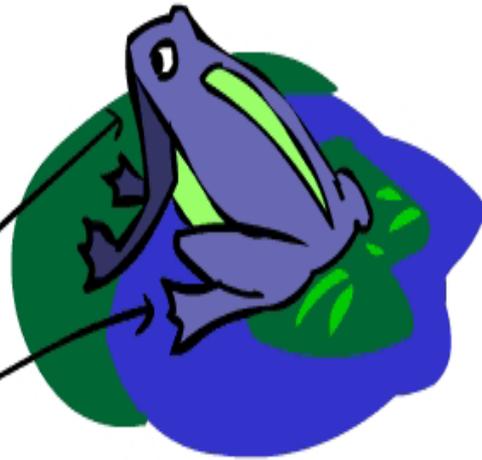


Animals can be sorted into groups

AMPHIBIANS

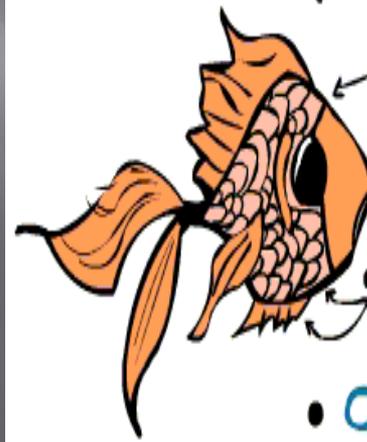
AMPHIBIANS

- live on land & in water.
- Cold-blooded.
- lay eggs.
- moist skin.
- webbed feet.



FISH

FISH



- breathe underwater using gills.
- have scales and fins.
- Cold-blooded.
- lay eggs.

How many birds can you spot? Try
birdwatching...

BIRDS

- have feathers & wings →



- lay eggs



- **Warm**-blooded

Organisms

Write the date and title-remember to underline with a ruler making sure all your letter are the same size.

Organisms

Draw or cut out from a magazine plants and organisms. Sort these into two sections under the headings plants and animals.

Is it Alive?

- ▣ Trees are living things. Dogs, cats, fish, snakes, bees and people are also living things.
- ▣ Dry leaves on the ground are dead, but they were once part of a living tree. Bones were once part of a living animal that now is dead.
- ▣ Anything metal, plastic or stone has never been alive.

Dead or Alive

Is this shoe living?

What do you think?

Yes or No

Is it alive?

[Living or non living click here to watch?](#)

Watch this clip and find out what living things do
living do?

Design a poster explaining what a living
organism must do to be alive.

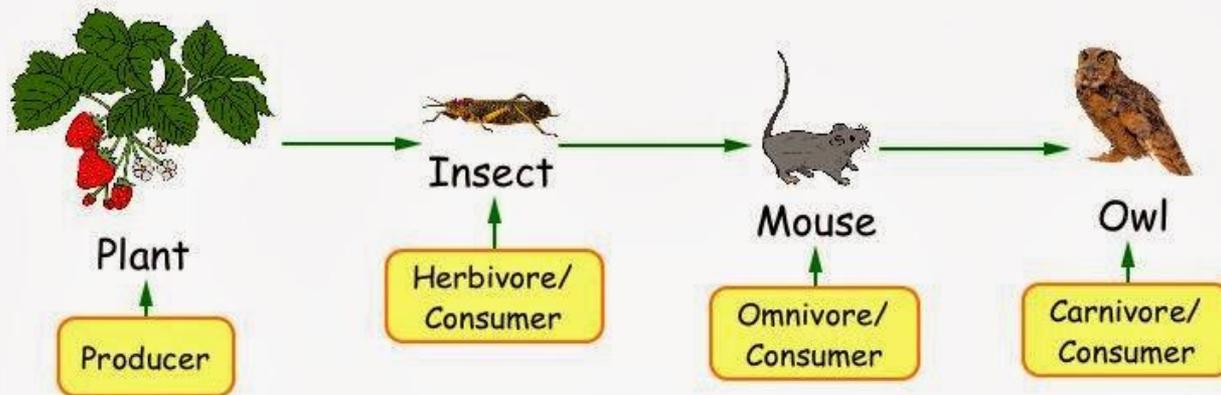


Food Chains

- ▣ Animals which eat other animals are called **Predators.** 
- ▣ Animals that the predators kill are called their **prey.**
- ▣ Where do living things get their **energy** from?
- ▣ [Click here to find out what a food chain is?](#)

Can you design your own food chain?

The Food Chain Of An Owl



A food chain shows the path of energy from one living thing to another. Decomposers like bacteria, are necessary for all food chains.



**MAKE TODAY
RIDICULOUSLY
AMAZING.**



Please be creative as you feel.

- ▣ You could use models, take photos draw diagrams and maybe do some of your own research. Make animals from play dough out cut out old magazines.
- ▣ Don't feel under pressure to complete all the tasks go with how your child is feeling and what they are capable of.
- ▣ You can scribe for your child and support I have tried to include videos which you can repeat to embed the key facts.

I am missing you all and can't wait for our next Science lesson, this is Skye my border collie.



My email: ncuthill2nr5@nsix.org

Please don't hesitate to contact me or send work, I would love to see what the children are doing.

