



# 1. Living things

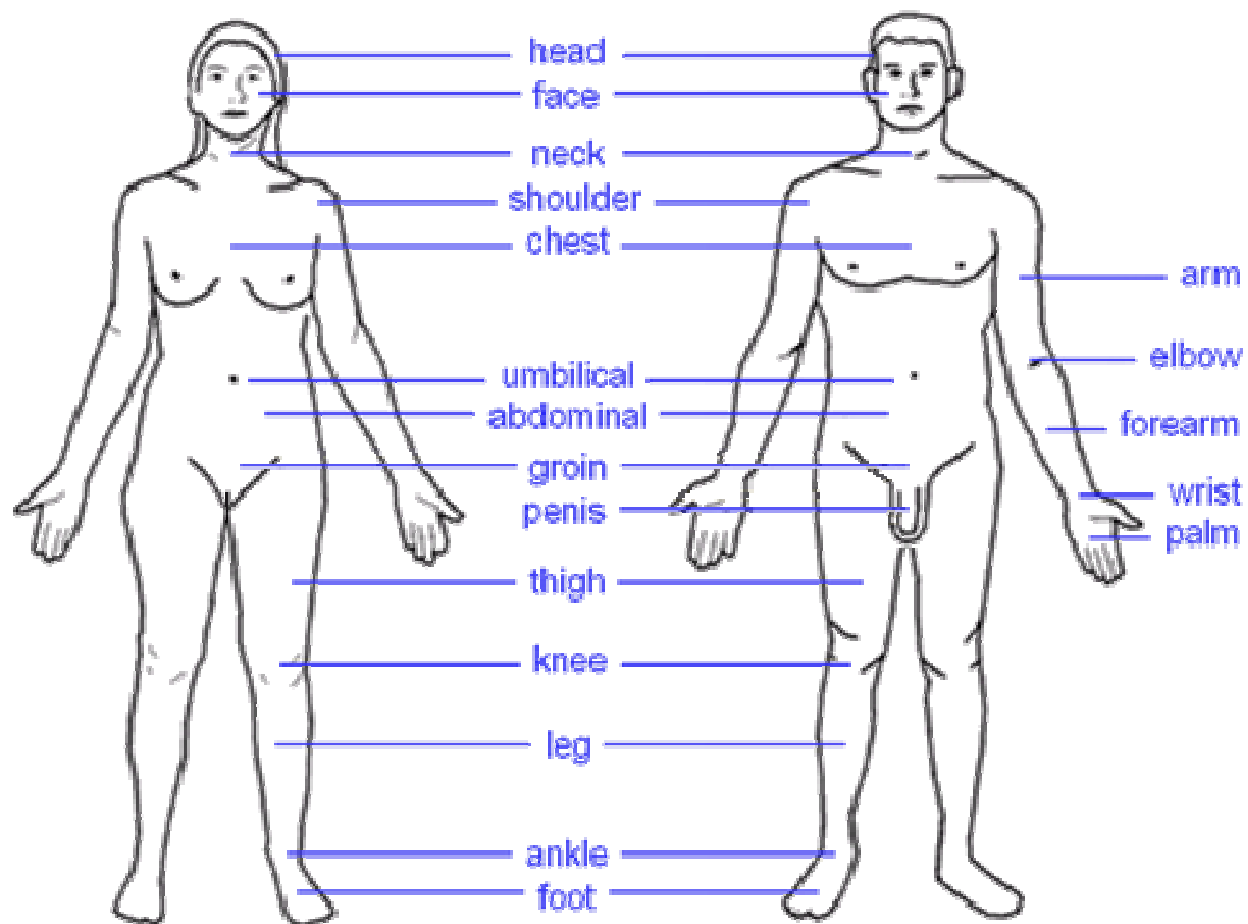
## Living things

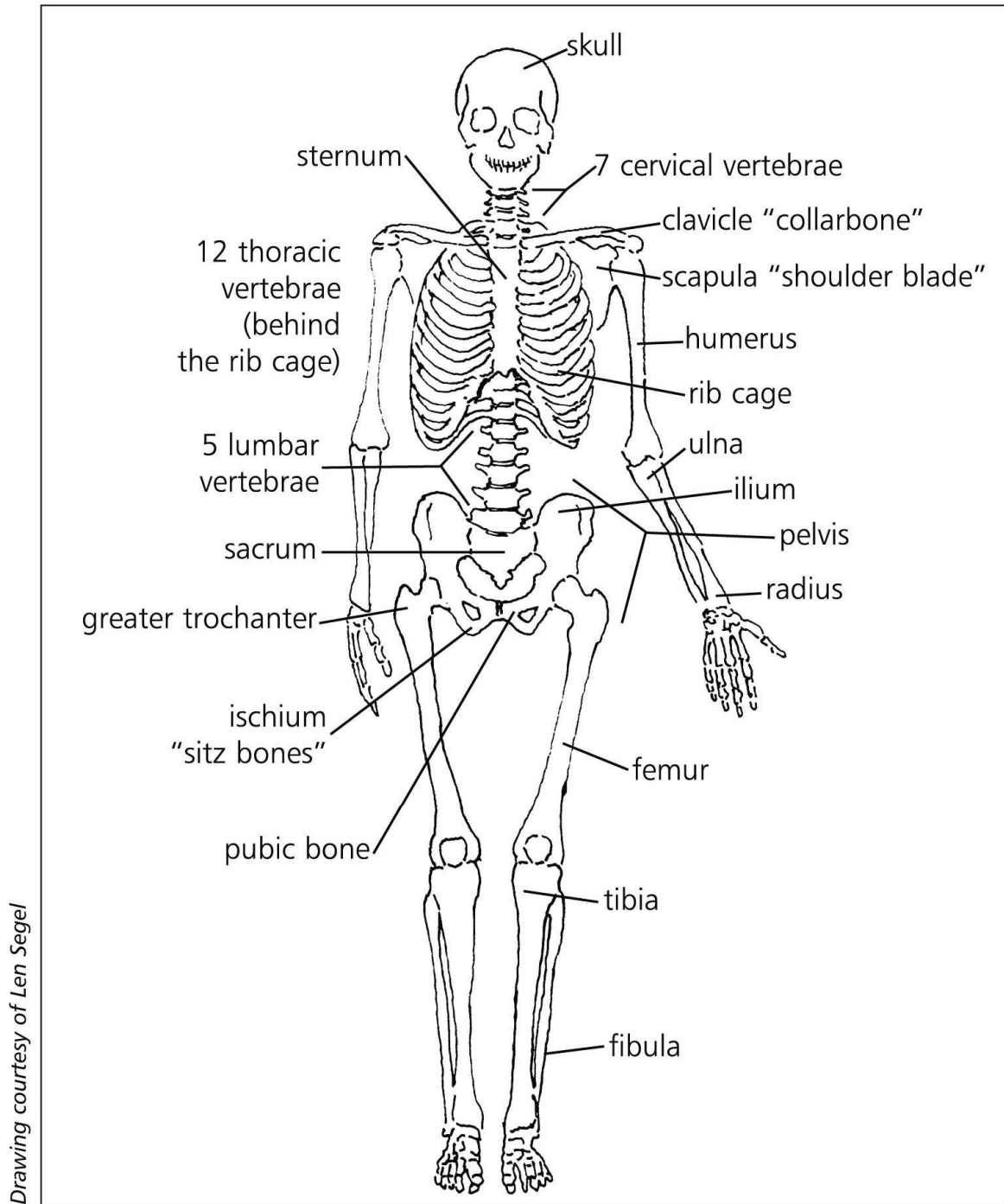
People	Animals	Plants

## Non-living things

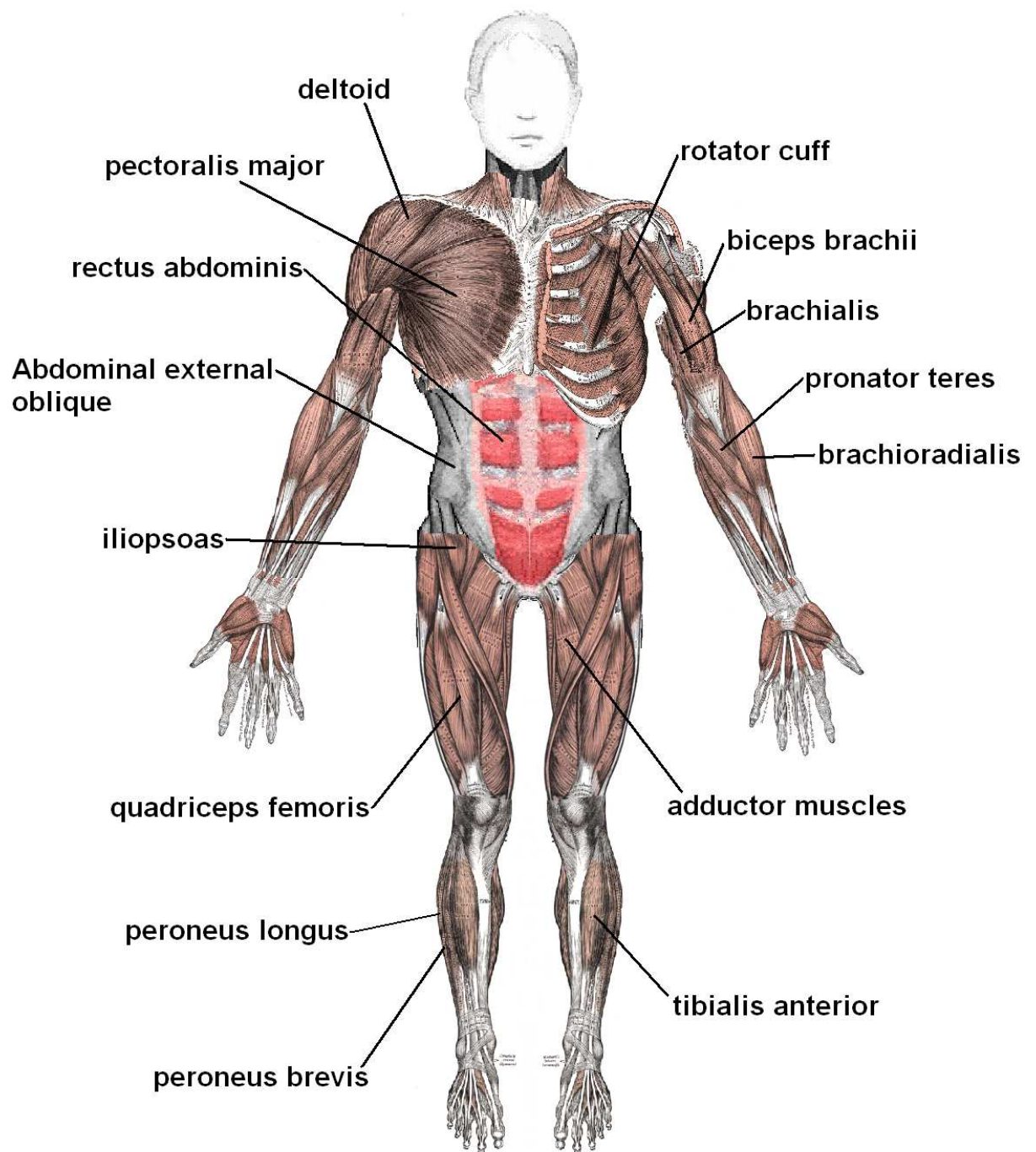
Natural	Man-made

## 2. People





## Skeleton



# Muscles

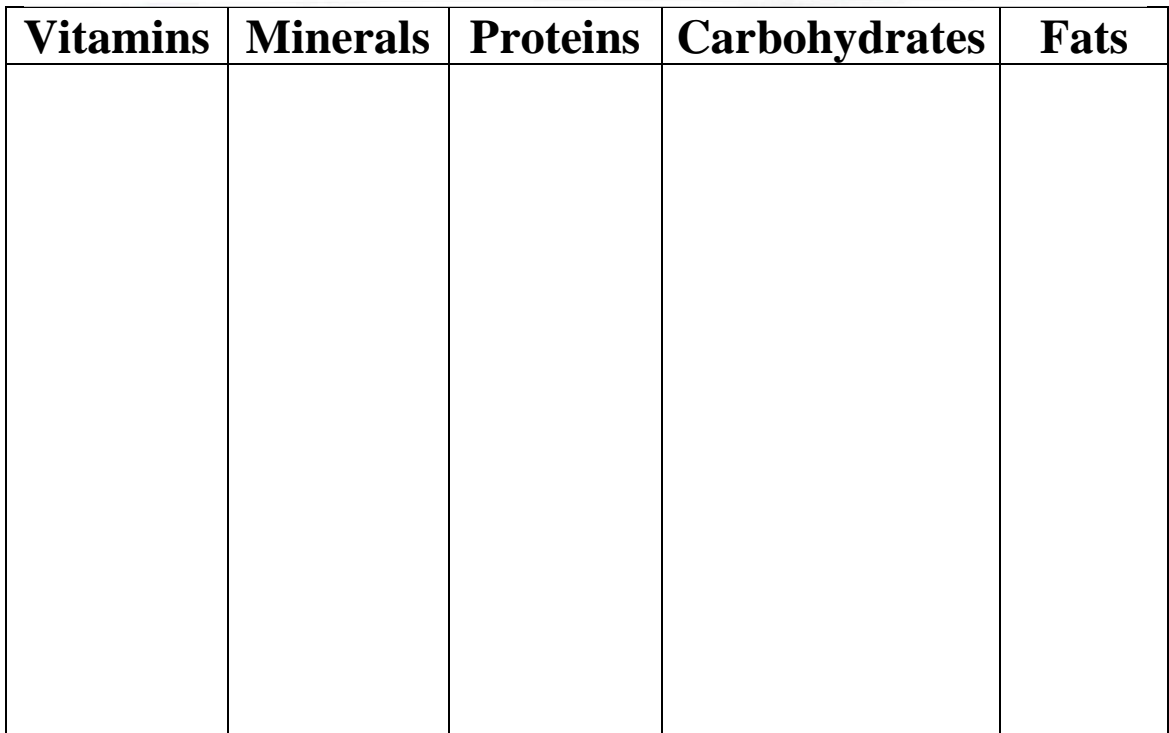
## Nutrients



**Minerals** are good for our health, too. An important mineral is **calcium**, which we need for strong and healthy bones and teeth.

Carbohydrates give us energy.

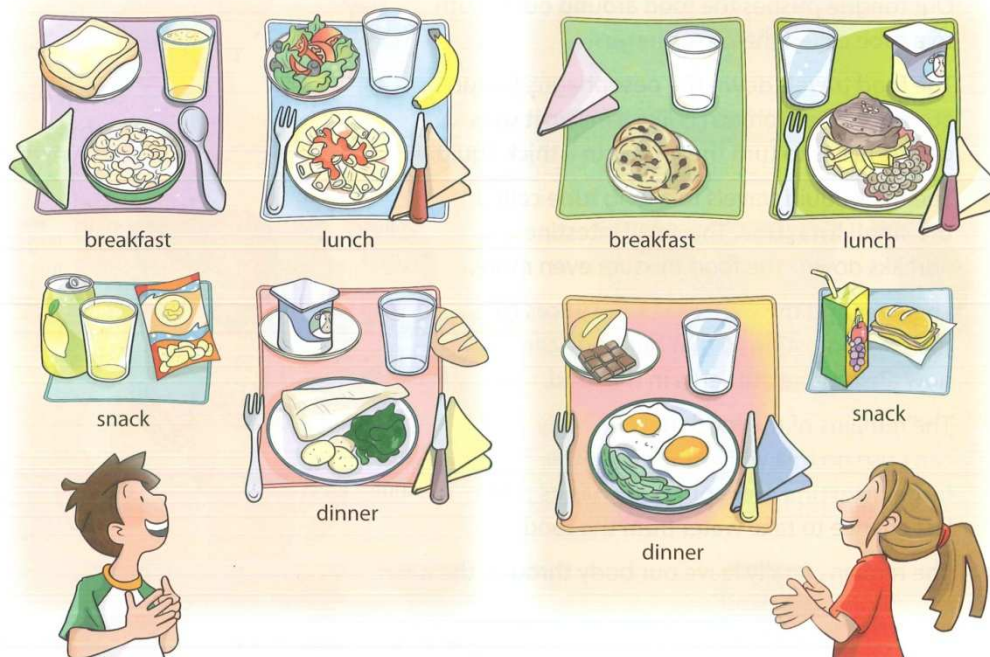
Remember that our body also needs water!



## A healthy, balanced diet



We need to have a healthy, balanced diet. A **healthy diet** means eating foods that have nutrients. We need a **balanced diet**, too. A balanced diet has lots of different nutrients. Remember! We also need to exercise to stay healthy.



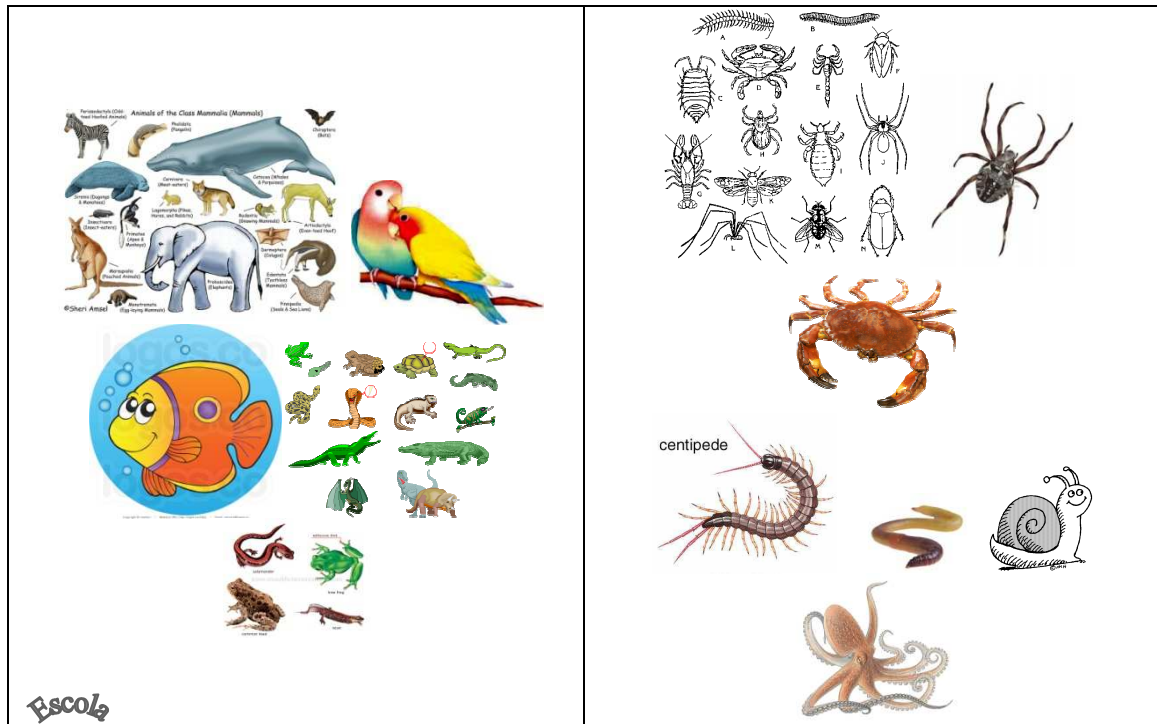
Monday	Tuesday	Wednesday	Thursday	Friday
Breakfast * * *	Breakfast * * *	Breakfast * * *	Breakfast * * *	Breakfast * * *
Have a break	Have a break	Have a break	Have a break	Have a break
Lunch * * *	Lunch * * *	Lunch * * *	Lunch * * *	Lunch * * *
Snack	Snack	Snack	Snack	Snack
Dinner * * *	Dinner * * *	Dinner * * *	Dinner * * *	Dinner * * *



## 4. Animals

### ☐ Backbone

✓	✗
Mammals	Insects
Birds	Spiders
Fish	Crabs
Reptiles	Centipedes
Amphibium	Worms
	Snails
	Octopuses









## ☐ Eating

Carnivores	Herbivores	Omnivores
Tiger	Sheep	Pig
Eagle	Rabbit	Seagull
Shark	kangaroo	Brown bear

## ☐ Reproduction

Oviparous 	Viviparous 



## 5. Habitats

- **HABITAT**  
a specific place where living things live
- **POPULATION**  
a group of the same living things that live in the same place and at the same time
- **COMMUNITY**  
it is formed when populations interact with each other
- **ECOSYSTEM**  
it is formed when communities interact with each other and their surroundings

HABITATS		
Water habitats		Land habitats
Saltwater	Freshwater	
oceans	rivers	artic regions
seas	lakes	savannahs
		deserts
		tropical rainforests
		temperate forests

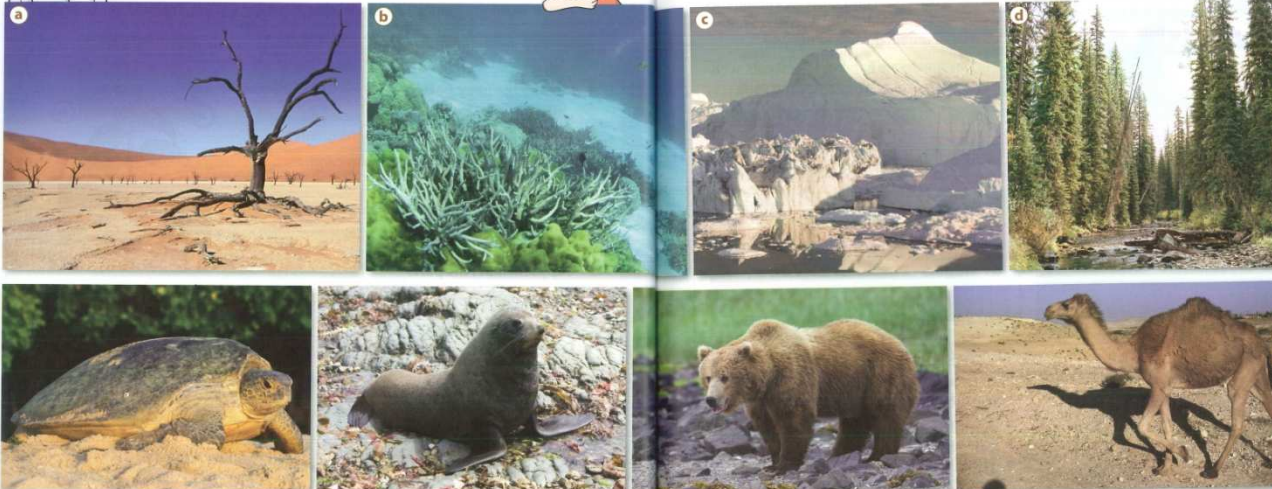
## Habitats

### Where living things live



In this unit we're going to learn about different habitats.

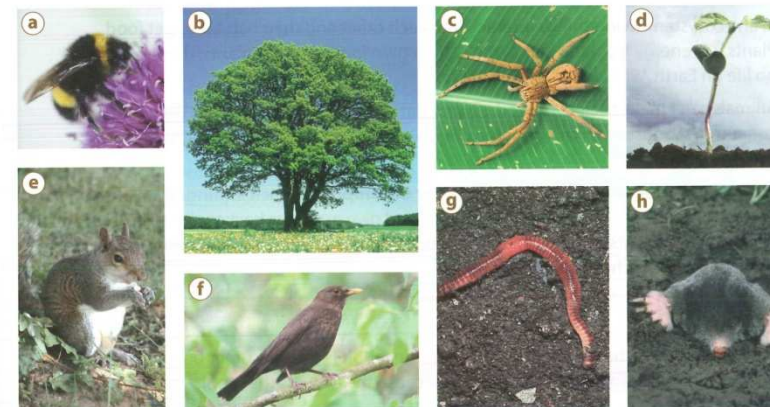
Where do you think these animals live? Why?



A **habitat** is a specific place where living things live. There are many different types of habitats on Earth. There are habitats in the **Arctic region**, **savannahs**, **deserts**, **tropical rainforests** and **temperate forests**. Each habitat has different **conditions**. These conditions are different because of many reasons including where in the world the habitat is. Habitats can be **humid** or **dry**, or they can be **hot**, **warm**, **cool** or **cold**. They can have different types of **soil** or **rock**, too. We can also classify habitats into **water** habitats and **land** habitats.

**humid** (*adj*) when the air feels hot and wet.

## Interaction in ecosystems



A habitat is a specific place where living things live, so what is an **ecosystem**? A group of the same living things that live in the same place at the same time is called a **population**. When these populations interact with each other, they form a **community**. When communities interact with other communities and their surroundings, they form an **ecosystem**.



## The Arctic region and savannahs

CD2  
18

It's very cold in the **Arctic region** and it usually snows. There are no trees, and only a few plants grow in the summer. The Arctic region is a habitat for animals, such as the Arctic fox and polar bears. These animals have thick, white fur to protect them from the cold and for camouflage.



CD2  
19

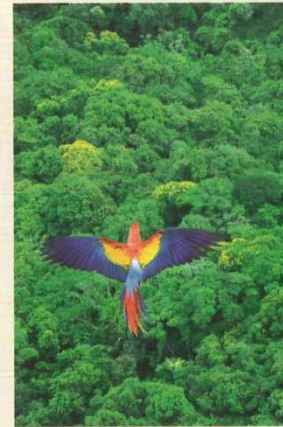
**Savannahs** are hot and very dry for most of the year. It only rains in savannahs in the summer when it's humid. This means that plants can only grow well in summer, and that it's difficult for animals to find water during the rest of the year.

Savannahs are habitats for animals, such as zebras, giraffes, gazelles and lions.

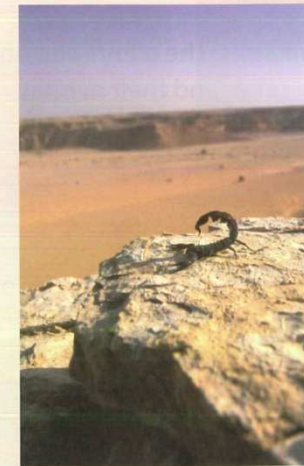


## Deserts, tropical rainforests and temperate forests

**Tropical rainforests** are hot and humid. They have a lot of rain, and many different types of trees, bushes and grasses grow there. Tropical rainforests are habitats for animals, such as parrots, monkeys and frogs.



**Deserts** are hot and dry. Plants, such as cacti grow in the desert. Deserts are habitats for nocturnal animals. Nocturnal animals sleep in the day and are active at night. Scorpions and spiders also live in the desert.



**Temperate forests** are both warm and cool in summer, and cold in winter. They can have bushes, grasses, and deciduous or evergreen trees. Temperate forests are habitats for animals, such as foxes, rabbits, mice and snails.



## Water habitats

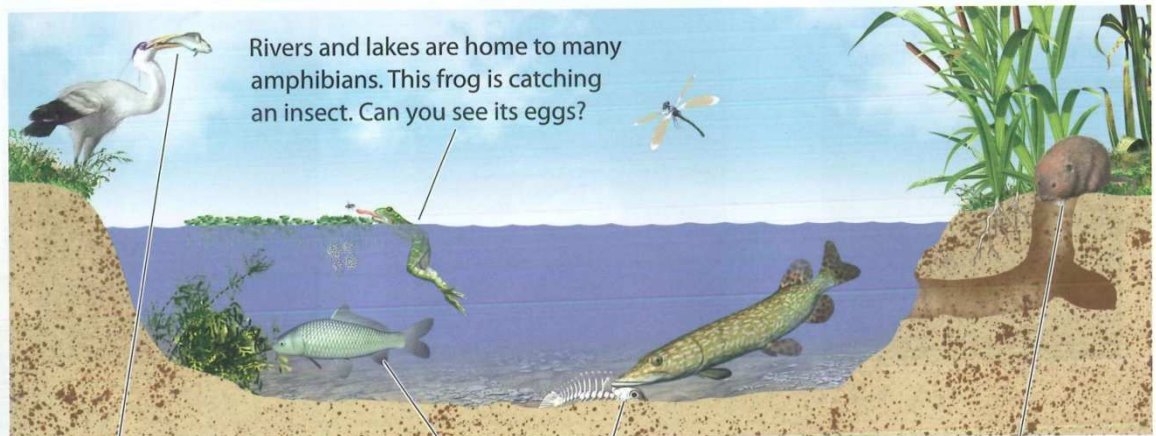
CD2  
21

Living things can live in the **water** and on **land**. There are **saltwater** habitats and **freshwater** habitats.

**Oceans** and **seas** are saltwater habitats. Many saltwater animals are invertebrates, such as **jellyfish** and **octopus**. There are also many different types of fish and mammals, such as **dolphins** and **whales**, that live in saltwater habitats. Some saltwater animals are herbivores and eat **seaweed** or **plankton**, but others are carnivores.



**Rivers** and **lakes** are freshwater habitats. The plants and animals that live in and around rivers and lakes interact with each other and their habitat.



The heron catches fish.

Rivers and lakes are home to many amphibians. This frog is catching an insect. Can you see its eggs?

Fish eat plants, other animals or both. Some fish even eat dead animals.

Water voles eat roots and live in the soil near lakes and rivers.



7 Look at the pictures and read the definitions. Write the word.

population community ecosystem habitat

a community

This is formed when populations interact with each other.



b

A group of the same living things that live in the same place at the same time.



c

This is formed when communities interact with other communities and their surroundings.



d

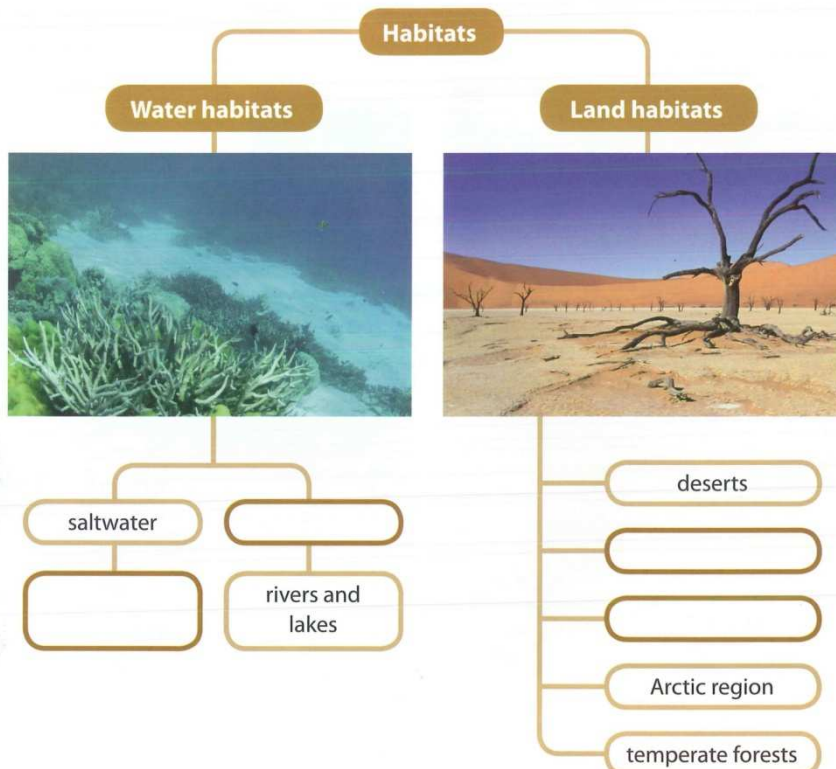
A specific place where living things live.



## Learning to learn

1 Copy and complete the word map.

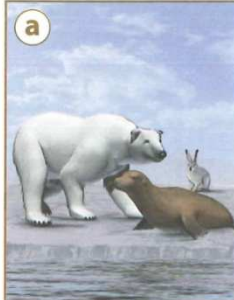

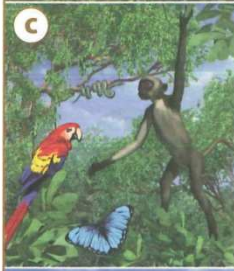
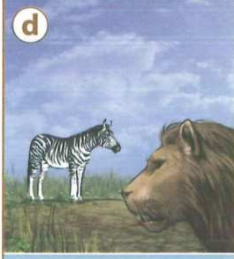
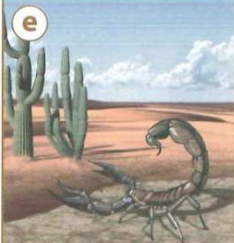
savannahs freshwater tropical rainforests oceans and seas





**3 Complete the chart about land habitats using the words in the box.**

dry rabbits lions cold humid ~~very cold~~ snows cacti frogs evergreen summer  
Arctic fox zebras fur nocturnal parrots whales Savannahs Temperate forests

	<p><b>Arctic region</b></p>	<p>It's <u>very cold</u> and it usually _____. This region is a habitat for animals such as the Arctic hare, the _____ and polar bears. These animals have thick, white _____. Seals and _____ live here, too.</p>
	<p>_____</p> <p>_____</p>	<p>It's both warm and cool in summer, and _____ in winter. It rains all year. There are deciduous and _____ trees. This region is a habitat for animals such as foxes, mice and _____.</p>
	<p><b>Tropical rainforests</b></p>	<p>It's hot and _____ all year. Many different plants and animals live in this habitat. There are monkeys, snakes, butterflies, birds, such as _____, and amphibians, such as _____.</p>
	<p>_____</p>	<p>It's hot all year. It only rains in the _____ when it's humid. It's very dry for most of the year. Herbivores such as _____, and carnivores such as, _____, live here.</p>
	<p><b>Deserts</b></p>	<p>It's hot and _____ all year. Plants such as _____ grow here. Deserts are habitats for _____ animals, like bats because it's too hot in the day. Scorpions and spiders also live in the desert.</p>