Let's learn about
ANIMALS

UNIT 1
ANIMALS

Name:.................................................................................................................................

Level: ..................

School: .............................................................................................................................
1. CLASSIFICATION OF ANIMALS

There are many different animals and we can classify them according to:

- Their **skeleton**: *Vertebrates* have a skeleton but *Invertebrates* do not have a skeleton.
- The **food** they eat: Some animals eat meat, other animals eat only plants and some eat both meat and plants. They are *carnivores, herbivores and omnivores*.
- The way animals **are born**: Some animals are born from their mothers´womb. They are *viviparous*. *Oviparous* are born from eggs.
- The way animals **move**: some animals can *walk and run*, some can *fly*, other animals can *swim*, others *crawl* along the ground......

My dog is **vertebrate** because it has a skeleton. It is **carnivore** because it eats only meat. It is **viviparous** because it is born from its mothers´womb and it can *walk* and *run*.

**ACTIVITIES**

1.- **True or False.**
- Invertebrates animals have a skeleton and spinal column. ______________
- Carnivores eat meat and herbivores eat only plants. ______________
- Viviparous animals are born from eggs. ______________
- Omnivores eat both meat and plants. ______________
- Vertebrates animals have a skeleton. ______________
2.- Look, read and write.

Write sentences

Parrots can fly.

Owls can fly.

snake    brown bear    fish    snail    owl    parrot    dolphin    lion
fly    run and walk    swim    crawl    fly    run and walk    swim    crawl
2. ANIMALS´FOOD

As you know, animals are alive beings. We can also classify animals according to what they eat.

There are three groups:

- **Herbivores**: they eat plants, grass, fruit. For example: deer, cows, elephants....
- **Carnivores**: they eat meat, they eat other animals. Wolves, eagles, lions and sharks are carnivores.
- **Omnivores**: They eat both meat and plants. Human beings and bears are omnivores.

Human beings and brown bears are omnivores.....

Lions are carnivores

Giraffes are herbivores

Brown bears are omnivores

Human beings are also omnivores
3. HOW ANIMALS ARE BORN

We can also classify animals in terms of how they are born.

- **Oviparous**: oviparous animals are born from eggs. There are many oviparous animals. For example, birds and all insects are oviparous.
- **Viviparous**: viviparous animals are born from their mothers’ womb. For example, many mammals are viviparous: cats, dogs, lions, elephants, giraffes.....

4. HOW ANIMALS MOVE

As you know, we, human beings walk and run.

Animals move in different ways:

- Some animals **walk**: almost all mammals walk and they live on land, however, some mammals like dolphins swim and live in water.
- Other animals **swim**: fish live in water and they swim, but, other animals like crocodiles and frogs can walk and swim.
- Some animals **fly**: birds can fly, they live on land and most of them fly. Other birds, such as ducks, live on land and water, and they can fly, swim and walk.
- Other animals **crawl** along the ground: snails and snakes crawl along the ground to move.
ACTIVITIES

3.- Complete these sentences.

<table>
<thead>
<tr>
<th>Herbivores</th>
<th>Carnivores</th>
<th>Omnivores</th>
<th>Oviparous</th>
</tr>
</thead>
<tbody>
<tr>
<td>- ____________________</td>
<td>eat other animals.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- ____________________</td>
<td>eat other animals and plants.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- ____________________</td>
<td>eat plants.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- ____________________</td>
<td>are born from eggs.</td>
<td></td>
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</tbody>
</table>

4.- Write how these animals move. Look at the example.

Brown bear – walk and run.

Tortoise
Dolphin
Duck
Wolf
Shark
Giraffe
Snail
Parrot
Tiger
Human being
Snake

HELP US PLEASE!!!

Take care of animals!

Don’t destroy animals’ homes!

By Miguel A. Cabo Sánchez
5.- Find 2 herbivores, 3 carnivores and 3 omnivores animals.

S A C V B G O R I L L A P B
H O R S E K D S H J M B V R
A I H C X I W Q U Y O K J O
R C V S W N O S M T U T L W
K B C G J L H F A C L I O N
W G E L E P H A N T H G T B
C V T B N J N M B Y T D O E
X E A R S S A F E H D M U A
W Y S O P N B C I M L J C R
I G T V C D G H N C N K H L
T I G E R U V G G N L P G W

carnivores     herbivores     omnivores

6.- Think about one of these animals and find out.

1. Do they live in water?
2. Can they swim?
3. Are they carnivores?
4. Are they herbivores?
5. Are they oviparous?
6. Are they fishes?

1. Yes
2. Yes
3. No!
4. Yes
5. Yes
6. YES!!!

By Miguel A. Cabo Sánchez
7.- Play Bingo!! Stick 3 cards, cut out and play.

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>frog</td>
<td>elephant</td>
<td>cat</td>
<td>horse</td>
<td>snake</td>
</tr>
<tr>
<td></td>
<td>tiger</td>
<td>spider</td>
<td>dolphin</td>
<td>giraffe</td>
</tr>
</tbody>
</table>

8.- Complete.

**ANIMALS**

- What animals eat
- How animals are born
- How animals move
We classify animals according to what they eat: herbivores, carnivores and omnivores.

We classify animals according to how they are born: viviparous and oviparous.

We classify animals according to how they move: walk and run, swim, fly and crawl.

Animals are very important for our lives.

TAKE CARE OF ANIMALS!!

5. VERTEBRATES AND INVERTEBRATES

There are so many animals that we have to classify them into groups in order to study their characteristics.

We can classify animals into 2 groups:

- Vertebrates: they have a spinal column and bones.
  For example, cows, horses, human beings are vertebrates.
- Invertebrates: they do not have a spinal column or bones, such as: snails, flies, etc....
6. VERTEBRATES

We can classify vertebrates into five groups: fish, amphibians, reptiles, birds and mammals.

- **FISH**: They live and breathe underwater. They are oviparous. Their body is covered with scales, they can swim thanks to their fins. Some fish are: salmon, sharks, sardines...

- **AMPHIBIANS**: They live both in water and on land. They have got a wet skin. They are oviparous. They can swim and walk and sometimes, even jump!

- **REPTILES**: They usually live on land. Their bodies are covered with scales or shells. They are oviparous. They crawl. Some reptiles are snakes, lizards...

- **BIRDS**: They live on land and in air. Most of them can fly. They are oviparous, their body is covered with feathers. Eagles and owls are birds.

- **MAMMALS**: They live on land but some live in water like dolphins. They can walk and run. Most of them are viviparous because they are born from their mothers´womb. Their body is covered with hair.
**ACTIVITIES**

9.- Wordsearch. Find the five groups of vertebrates.

- M T Y U R L K H J V
- A M P H I B I A N S
- M R E P T I L E S B
- M B G F U R O P O L
- A N F M B D V D E T
- L C I T H S G F D W
- Q W S E X V B N M B
- Z X H V C N G F K J

10.- Match a sentence with a word.

- **vertebrate**: They do not have a spinal column or bones
- **feathers**: A Mammals’ body is covered with it
- **crawl**: Birds have lots of them
- **invertebrate**: Some reptiles can do it
- **hair**: They have a spinal column and bones
- **oviparous**: Animals that are born from eggs
11.- Complete the parts of this skeleton. After colour it.

Skull: [Diagram of skull]
spinal column: [Diagram of spinal column]
ribs: [Diagram of ribs]
legs: [Diagram of legs]
tail: [Diagram of tail]

7. INVERTEBRATES

Most of invertebrates are oviparous. Some live in water and others on land. Invertebrates do not have bones or a spinal column.

All insects are invertebrates. Some invertebrates are: beetles, worms, octopus, jellyfish.....

8. INSECTS

Insects are invertebrate animals. They are born from eggs, so that, they are oviparous.

An insect has three parts in its body:

- The **head** has a mouth, two antennae and two eyes.
- The **thorax** has wings and legs. All insects have six legs.
- The **abdomen** is joined to the thorax.
Bilingual Material 3rd level Primary Education “Europa”

TAKE CARE OF ANIMALS
Animals are our friends
We need animals and animals need us

ACTIVITIES

12.- True or false.
Most of invertebrate animals are vivipares.________________________
Animals are very important in our lives.________________________
Vertebrates have a spinal column and bones._______________________
All insects have four legs.________________________
Insects are born from eggs, they are ovipares._____________________
An insect has three parts: Head, thorax and abdomen.______________

13.- Write the parts of an insect.
________________________
________________________
________________________
________________________
________________________
________________________
________________________

By Miguel A. Cabo Sánchez
14.- Read and Find out the animal!!. Draw it.

This animal lives in cold habitats. It is a vertebrate and it is a bird. It can walk but it cannot fly. It is a carnivore. Is is a beautiful animal. What animal is it? It is a

15.- Draw an animal.
VERTEBRATE

INVERTEBRATE
16.- Classify these animals. Look at the example. Colour these animals.

**HELP**
- I: invertebrate
- V-M: vertebrate-mammal
- V-B: vertebrate-bird
- V-F: vertebrate-fish
- V-R: vertebrate-reptile
- V-A: vertebrate-amphibian

<table>
<thead>
<tr>
<th>I</th>
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17.- Think of an animal in the activity before and try to find out your partner’s animal.

- Is it a vertebrate animal?
- Is it an insect?
- Has it got wings?
- Is it very beautiful?
- Is it a BUTTERFLY?

- No, it isn’t.
- Yes, it is.
- Yes, It is.
- Yes, it has.
- Yes, it is.
- YES!!!!!!
18.- Sing the song.

**VERTEBRATES AND INVERTEBRATES**
*(Are you sleeping tune) By JG & Miguel A.*

Vertebrates, vertebrates
are five groups,
are five groups,
they are our friends
they are our friends
take care of them
take care of them.

Mammals, birds
mammals, birds,
fish and reptiles
fish and reptiles,
don't forget the amphibians
don't forget the amphibians
learn by heart
learn by heart.

Snails and spiders
snails and spiders
beetles and crabs
beetles and crabs
living in the soil
living in the soil
invertebrates invertebrates!!
19.- Look at the example and write about this animal. FINAL PROJECT

It’s a cow. Cows are vertebrates. They are mammals and live in warm habitats. Cows are herbivores, they eat grass. They are viviparous because they are born from their mothers’ womb. Cows can walk but cannot fly.

20.- What can you do?. Cross ✗

Hello!! My friends!! Read and write your cross.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
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<tbody>
<tr>
<td>Can you differentiate and classify animals according to different characteristics?</td>
<td></td>
<td></td>
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<tr>
<td>Can you recognise the importance of animals in our lives?</td>
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**Science Vocabulary**

<table>
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<tr>
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<th>Action</th>
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