

# ACTIVITIES

1. Match the words to the definitions

Biotic

It is everything that surrounds us

Environment

It contains all the AIR that plants and animals breathe to survive

Ecosystem

All living things

Abiotic

It is an area where living things interact to survive

Atmosphere

Non-living things

2. Use the words from the wordbox and write them under the factor that determines an organism environment

|                   |       |     |               |          |      |
|-------------------|-------|-----|---------------|----------|------|
| Ideal temperature | water | air | place to live | sunlight | food |
|-------------------|-------|-----|---------------|----------|------|














3. Look at the pictures and write if it belongs to a **terrestrial ecosystem** or an **aquatic ecosystem**







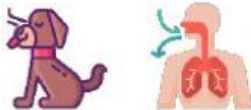




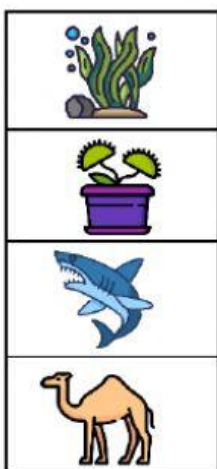
4. Look at the picture and circle in red the abiotic factors and circle in blue the biotic factors



5. Both plants and animals need air, but they used differently. Explain the different

|                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |
|                                                                                     |                                                                                      |

6. Match the correct adaptation with the correct terrestrial or aquatic living organism by writing the correct letter in the box.



a) Two set of eyelashes to protect eyes from sandstorms in the desert environment

b) Adapted with gills to breathe under water

c) Flexible stems to move with water current

d) Adapted to eat insects when growing in areas with low nutrients in the soil

7. Match the basic needs that may be affected due to the following:

| Disturbance                 |
|-----------------------------|
| Smoke in the air            |
| Snow melting in cold places |
| Cutting down a tree         |
| Animals dying               |

| Basic need        |
|-------------------|
| Place to live     |
| Breathing         |
| Food              |
| Ideal temperature |

8. Write the characteristics and differences of biotic and abiotic elements

reproduce    don't grow    breath    grow    don't reproduce    don't move  
eat    move    have senses    don't eat    don't have senses    don't breath

| Biotic elements | Abiotic elements |
|-----------------|------------------|
|                 |                  |
|                 |                  |
|                 |                  |
|                 |                  |
|                 |                  |
|                 |                  |

9. Name 4 biotic elements and 4 abiotic elements found in nature

| Biotic elements | Abiotic elements |
|-----------------|------------------|
|                 |                  |
|                 |                  |
|                 |                  |
|                 |                  |