

# NATURAL SCIENCE UNIT 3

## OUR PLANET'S BIOSPHERE

### BIOSPHERE

- the part of the earth's crust, waters, and atmosphere that supports life.
- the ecosystem comprising the entire earth and the living organisms that inhabit it.

### BIODIVERSITY

- Biodiversity, also called biological diversity, the variety of life found in a place on Earth or, often, the total variety of life on Earth.

- A common measure of this variety, called species richness, is the count of species in an area.

### FOOD CHAIN

- A food chain represents the different levels of feeding relationships within an ecosystem.

### FOOD WEB

- The connected food chains make up a food web.

### EXTINCTION

- Extinction occurs when every single member of a species dies out and none is left alive.

### LOSS BIODIVERSITY

- In recent years, the main cause of loss of biodiversity has been human activity. Some of the major threats include deforestation and pollution.

### ENDANGERED

- Animals at risk of extinction are called endangered species.

## ACTIVITY 1

WRITE AN EXAMPLE OF A FOOD CHAIN. YOU CAN LOOK FOR ONE IN THE BOOK OR IN INTERNET.

## ACTIVITY 2

WRITE THE NAME OF AN EXTINCT ANIMAL. YOU CAN FIND ONE IN THE BOOK OR IN INTERNET.

## ACTIVITY 3

WRITE THE NAME OF AN ANIMAL THAT IS AT RISK OF XTINCTION. YOU CAN FIND ONE IN THE BOOK OR IN THE INTERNET.

## ACTIVITY 4

WRITE 3 WAYS TO LOSE BIODIVERSITY OTHER THAN POLLUTION OR DEFORESTATION. FIND THEM IN THE BOOK.

## ACTIVITY 5

FIND AND WRITE THE NAME OF A NATIONAL PARK, BIOSPHERE RESERVE OR A PROTECTED MARINE AREA. AND WHERE IS IT.

NAME

PLACE