

# **Elementary II Science Objectives**

Teacher: Sella Moughalian

## **Animals and their habitats**

### **Exploring the world of animals**

Explore animals in their habitats.

Know animals' needs.

### **Animals of all kinds**

Distinguish the similarities and the differences among animals.

Recognize the characteristic form, food, and habitat of various animals.

### **Fish: excellent swimmers**

Determine the habitat of fish

Recognize the external characteristics of a fish (fins, body parts, free scales not attached together).

### **Reptiles: creeping animals**

Recognize some reptiles.

Observe the external characteristics of reptiles (connected scales, some have short legs...)

### **Amphibians: animals with bare skin**

Recognize some amphibians.

Observe their external characteristics.

Specify their living habitat.

### **Birds: kings of the sky**

Observe the distinctive characters of birds (two wings, a beak, and feathers)

Recognize that certain birds can swim and that others cannot.

### **Mammals**

Recognize that mammals breastfeed their babies.

Observe that their skin is covered with hair and generally they have four legs.

## **All animals breathe**

Recognize that all animals need air to live; they breathe.

Explore that most sea animals live in water and breathe in water.

Specify that some animals living in water or on land breathe in air.

## **Why do they breathe in air or in water?**

Explore that fish breathe in water with their gill.

Recognize that the terrestrial animals and some aquatic ones can breathe with their lungs; that is, all animals breathing in the air have lungs.

## **Fish on the menu/ eggs and chicken: how delicious/ man raises livestock**

Discover various fishing techniques.

Recognize the fish as a food source for humans.

Understand the importance of poultry as food source for humans.

Recognize the importance of cattle for man; nutrition, clothing, achievement of certain labor.

## **Man and his health**

### **My body parts**

Know the different parts of the human body.

Know the different parts of the limbs.

### **My body in movement**

Recognize that humans move in different ways.

Make a jumping jack.

Establish a chronology for motion.

### **How does my body move?**

Explain the role of limbs in the movement.

### **Sports are good for health!**

Be aware of the importance of sports for health.

### **My eyes are sensitive!**

Recognize the external parts of the eye.

Explore the principles of eye care.

**Caring for our hands!**

Determine and apply the principles of hand care.

Familiarize students with first aid procedures provided in case of wounds.

**Dental health!**

Cite the principles of mouth hygiene.

Apply the suitable technique for brushing teeth.

**Variety of foods**

Recognize the various groups of food.

Cite the origin of certain foods.

**Balanced diet to grow up healthy**

Explore that a varied food is recommended.

Know how to compose the various meals of the day.

**Natural or processed foods**

Give examples of natural and processed foods.

Distinguish a natural food from a processed food.