

# **Elementary I Science Objectives**

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## **Plants and their habitats**

### **All kinds of plants**

Discover the different forms of plants.

Recognize that plants have similar structures; stem (trunk), leaves, flowers, roots.

### **All kinds of leaves**

Know that the leaves of the trees have variable forms.

Observe different plants and leaves.

### **Plants are useful**

Discover the usefulness of plants as food and for decoration.

### **Animals need plants**

Discover that plants provide animals with food and shelter.

Know what some animals eat.

### **All kinds of seeds**

Discover that the seeds are located inside the fruit.

Recognize that different fruits have different seeds.

### **What is inside a seed/ from seed to plant/ what does a plant need**

Recognize the parts of bean seed and name them.

Grow some familiar seeds.

Recognize the stages of the development of the plants, the life cycle of the seed.

Know that one type of plant develops from the same type of seeds.

Know the needs of plants; water, air, light, and soil.

## **Animals and their habitats**

### **The world of animals**

Recognize some familiar animals.

Distinguish wild animals from domestic animals.

### **Places where animals live**

Know that animals live everywhere (in air, on land, and in water).

Recognize the habitat of some animals.

Group the animals according to their habitat.

Relate the way an animal lives to its group and its habitat.

### **Animals and their young / animals grow up**

Match young animals to their parents.

Discover that not all young animals look like their parents.

Know that young animals grow.

Recognize that animals just like man, have needs (sleep, eat, drink).

Understand that certain baby animals need their parents to grow.

### **Taking care of domestic animals**

Know how to deal with domestic animals; to look after them, protect them, nourish them.

### **Benefits of some animals**

Recognize the majority of domestic animals are useful to man.

### **Man and his health**

#### **Small baby will grow up**

Understand that a baby is born small and grows.

Number the aspects which illustrate the growth of the baby: size, weight, movement, teeth, nutrition, and becoming stronger.

#### **Growing up healthy**

Recognize the needs for healthy growth of children: eating, playing, washing themselves, and sleeping habits, practicing sports.

Understand the important role of the family.

Apply the principles of hygiene.

#### **I see, I hear, I smell, I touch, and I taste / How useful are my five senses**

Recognize the five senses and the various organs which correspond to them.

Relate the sense organs to their role.

Identify the role of each sense organ and show its usefulness in everyday life.

**Be careful, Danger! / My senses are valuable**

Identify hazards that may be caused by certain objects.

Know that our senses help us to avoid danger.

Know how to protect the sense organs.

**Cleanliness keeps you healthy**

Acquire good practices of hygiene.

Recognize different objects used to keep clean.