

# MOVE TO LEARN GLOBAL SCHOOL

## GRADE 1 CURRICULUM - SCIENCE

### PHYSICAL SCIENCE

#### Unit 1 – Sound

**Concept:** Forces can make objects vibrate, and vibrations make sound

**Skills:** Match graphic images to science concepts; Match graphic images to words; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Conduct experiments and record observations

#### Unit 2 – Light

**Concept:** There are different sources of light

**Skills:** Match graphic images to science concepts; Match graphic images to words; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Apply science concepts to real-world situations

#### Unit 3 – Shadows

**Concept:** Shadows are produced when a light source is blocked

**Skills:** Make art projects to represent science concepts; Match graphic images to words; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Make scientific observations and record information

#### Unit 4 – Technology

**Concept:** we use technology to communicate

**Skills:** Apply science concepts to real-world situations; Match graphic images to words; Read science words; Visual Discrimination; Apply science vocabulary in context sentences;

### LIFE SCIENCE

#### Unit 5 – Leaves

**Concept:** Leaves help trees survive and grow

**Skills:** Make art projects to represent science concepts; Match graphic images to words; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Conduct experiments and record observations

#### Unit 6 – Animals and Eggs

**Concept:** Some animals lay eggs

**Skills:** Match graphic images to words; Label graphic images to demonstrate understanding of science concepts; Read science words; Visual Discrimination; Apply

science vocabulary in context sentences; Make art projects to represent science concepts

### **Unit 7 – Mothers and Babies**

**Concept:** Some animal babies look like their mothers, but others don't

**Skills:** Match graphic images to words; Match graphic images to demonstrate understanding of science concepts; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Make art projects to represent science concepts; Apply science concepts to real-world situations

### **Unit 8 – Birds**

**Concept:** Animals have body parts that help them survive

**Skills:** Match graphic images to words; Interpret information from charts or graphs; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Do research to write and illustrate informational text

### **Unit 9 – Insects**

**Concept:** Insects are the same in many ways, but they are also different

**Skills:** Match graphic images to words; Label graphic images to demonstrate understanding of science concepts; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Make real-world observations and write about them

## **SPACE AND EARTH SCIENCE**

### **Unit 10 – Night Sky**

**Concept:** The moon and stars are objects in the sky

**Skills:** Match graphic images to words; Match graphic images to science concepts; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Make art projects to represent science concepts

### **Unit 11 – Our Sun**

**Concept:** People, plants and animals need the sun's heat and light

**Skills:** Match graphic images to words; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Make real-world observations and write about them

### **Unit 12 – Seasons**

**Concept:** Weather changes from season to season

**Skills:** Match graphic images to science concepts; Match graphic images to words; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Make art projects to represent science concepts

## **ENVIRONMENT AND ECOLOGY SYSTEMS**

### **Unit 13 – Uses of Wood**

**Concept:** Trees provide materials for many products

**Skills:** Match graphic images to words; Match graphic images to science concepts; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Make real-world observations and write about them; Make art projects to represent science concepts

### **Unit 14 – Earth Materials**

**Concept:** Earth has natural resources

**Skills:** Match graphic images to words; Match graphic images to science concepts; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Draw pictures to represent science concepts

### **Unit 15 – Recycling**

**Concept:** Recycling can reduce our impact on the environment

**Skills:** Match graphic images to words; Match graphic images to science concepts; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Make art projects to represent science concepts

## **ENGINEERING AND DESIGN**

### **Unit 14 – Tools**

**Concept:** The shape and design of a tool are related to its function

**Skills:** Match graphic images to words; Match graphic images to science concepts; Read science words; Visual Discrimination; Apply science vocabulary in context sentences; Make projects to represent science concepts