

# MOVE TO LEARN GLOBAL SCHOOL

## GRADE KINDERGARTEN CURRICULUM – SCIENCE

### PHYSICAL SCIENCE

#### Unit 1 – Sizes and Shapes

**Concept** Things have different shapes and sizes.

**Skills** Fine motor skill; Visual discrimination; Distinguish shapes and sizes; Label graphic images; Make observations and draw to show understanding.

#### Unit 2 – Where Is It?

**Concept** The position of things can be described.

**Skills** Match pictures to positional words. Fine motor skills. Make observations and draw to show understanding.

#### Unit 3 – Water and Ice

**Concept** Water can change from a liquid to solid ice and back again.

**Skills** Sequence pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Discriminate between pictures to demonstrate understanding of a science concept. Conduct experiments and record observations.

#### Unit 4 – Where Can the Puddles Be?

**Concept** Water evaporates or becomes a gas when it is heated.

**Skills** Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Discriminate between pictures to demonstrate understanding of a science concept. Conduct experiments and record observations.

#### Unit 5 – Little Magnet

**Concept** A magnet pulls some metals toward it.

**Skills** Fine motor skill; Discriminate between pictures to demonstrate understanding of a science concept. Conduct experiments and record observations.

#### Unit 6 – Wheels All Around

**Concept** Wheels make work easier.

**Skills** Fine motor skill; Discriminate between pictures to demonstrate understanding of a science concept. Draw to show understanding.

#### Unit 7 – We Move

**Concept** Things move in different ways.

**Skills** Fine motor skill; Discriminate between pictures to demonstrate understanding of

a science concept.

## **LIFE SCIENCE**

### **Unit 8 – If it’s Living**

**Concept** Living things grow but non-living things do not.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Discriminate between pictures to demonstrate understanding of a science concept. Draw to show understanding.

### **Unit 9 – Let’s Explore!**

**Concept** Our bodies have parts that help us explore the world.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Discriminate between pictures to demonstrate understanding of a science concept. Draw to show understanding.

### **Unit 10 – This Old Tree**

**Concept** Trees are plants, and plants have parts that help them live and grow.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Draw to show understanding.

### **Unit 11 – Parts of a Plant**

**Concept** Plants have parts that are good to eat.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Discriminate between pictures to demonstrate understanding of a science concept. Draw to show understanding.

### **Unit 12 – Animal Protection**

**Concept** Animals have coverings that help them survive.

**Skills** Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Discriminate between pictures to demonstrate understanding of a science concept. Draw to show understanding.

### **Unit 13 – From Chick to Hen**

**Concept** Living things grow and change.

**Skills** Sequence pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Label pictures to demonstrate understanding of a science concept. Draw to show

understanding.

### **Unit 14 – Babies and Mamas**

**Concept** Some babies look like their parents.

**Skills** Match pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Label pictures to demonstrate understanding of a science concept. Draw to show understanding.

### **Unit 15 – Home Sweet Home**

**Concept** Animals live in different places.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Discriminate between pictures to demonstrate understanding of a science concept. Make observations and draw to show understanding.

## **EARTH SCIENCE**

### **Unit 14 – Land and Water**

**Concept** Earth has land and water.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Draw to show understanding.

### **Unit 15 – Earth has Rocks**

**Concept** Earth has different kinds of rocks.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Discriminate between picture to demonstrate understanding of a science concept. Conduct experiments and record results.

### **Unit 16 – Day and Night**

**Concept** Earth has day and night.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Draw to show understanding.

### **Unit 17 – Trees and Seasons**

**Concept** Earth has four seasons that change in a pattern.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Sequence pictures to demonstrate understanding of a science concept. Match pictures to words to demonstrate understanding of a science concept; Draw to show understanding.

## Unit 18 – Weather

**Concept** People can measure and predict the weather.

**Skills** Label pictures to demonstrate understanding of a science concept. Fine motor skill; Match pictures to words to demonstrate understanding of a science concept; Make observations and draw pictures to record observations.