

Kindergarten Science Curriculum

Macmillan/MacGraw-Hill

Life Science Unit A – Plants

Main Idea: Plants are living things. They have different parts that help them get what they need to live in a variety of habitats. Plants need water, sunlight, air, nutrients from the soil, and space in order to grow.

- Lesson 1 – Parts of Plants
- Lesson 2 – What Plants Need *
- Lesson 3 – How Plants Grow *
- Lesson 4 – Look at Leaves and Flowers
- Lesson 5 – Plants We Use. *

Grad Standard III A 1 & 2

Earth Science Unit D – Weather and Sky

Main Idea: Weather, such as wind, sun, rain, and snow, affects the clothing people wear and the activities they can do. Throughout the year, there are daily and seasonal weather changes. The sky looks different during the day than it does at night.

- Lesson 1 – Exploring Weather *
- Lesson 2 – Look at Clouds
- Lesson 3 – The Seasons *
- Lesson 4 – Night and Day
- Lesson 5 – Sun and Shadows

Grad. Standard II A 1

Life Science Unit B - Animals

Main Idea: Animals are living things that grow and change. They are divided into groups according to certain characteristics. Animals are organisms that must get food, find a good place to live, and stay safe.

- Lesson 1 – Animals are Everywhere *
- Lesson 2 – What Animals Need *
- Lesson 3 – Bugs and More Bugs *
- Lesson 4 – Reptiles
- Lesson 5 – Up Above and Down Under
- Lesson 6 – Staying Safe
- Lesson 7 – Grow and Change
- Lesson 8 – People and Animals

Grad. Standard III A 1

Physical Science Unit E – Exploring Matter

Main Idea: Matter can be described by its observable physical properties, the materials it is made of, and its uses. There are three different states of matter: solid, liquid and gas. Matter can be changed by folding, bending, tearing, or mixing it. Light can pass through some forms of matter, but not others.

- Lesson 1 – Paper and Cloth
- Lesson 2 – Wood and Metal
- Lesson 3 – Working with Clay
- Lesson 4 – Investigate Water

Grad. Standard I A 1

Earth Science Unit C – Our Earth, Our Home

Main Idea: Earth is made of rock, soil, water, and gases in the atmosphere. Different landforms, such as mountains, valleys, and plains, make up Earth's surface. Water slowly shapes and changes the formation of the land. It is important to take care of our Earth by recycling and reusing products.

- Lesson 1 – Soil Under Your Feet
- Lesson 2 – Rocks
- Lesson 3 – Land High and Low
- Lesson 4 – Water All Around
- Lesson 5 – Earth's Resources
- Lesson 6 – Recycle, Reuse

Grad. Standard III A 1 & 2

Physical Science Unit F – Moving Right Along

Main Idea: Motion is a change in an object's position. Forces such as push, pull and magnetism cause movement. Objects can move in a variety of ways. Vibrations from the movement of sound waves create sound.

- Lesson 1 – Wheels
- Lesson 2 – How Things Move
- Lesson 3 – Ups and Downs
- Lesson 4 – Sounds All Around
- Lesson 5 – Magnets

Grad. Standard I A 1

* = Lessons also covered in the Reading Curriculum.