

SCIENCE PROGRAMME

I. BASIC INFORMATION

Section: Basic Education

Level: Fourth grade Elementary School

School year: 2021-2022

II. STUDENTS' EXIT PROFILE

Raise their own questions about scientific investigations, use tools to make observations, describe the usefulness of technology, tell about types of machines, classify some of the plants they see, explain how they make food, grow and reproduce, describe life cycles of plants, predict how some animals will grow and change during their life cycles, apply their understanding of the solar system to identify the planets, define matter, states of matter and measure.

III. CONTENT OF THE PROGRAM

UNIDAD Y CONTENIDO	FECHA
UNIT 1: WHO WE ARE What is motion? How does mass affect motion? How does force affect motion? What is gravity? How does gravity pull an object?	Mayo - Junio

<p>UNIT 2: WERE WE ARE IN PLACE AND TIME Energy and its forms. How can energy of motion change?</p> <p>What are some forms of energy? How does energy form? How do light and matter interact? What is sound energy? What is electrical energy?</p>	<p>Junio - Julio</p>
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<p>UNIT 3: HOW WE EXPRESS OURSELVES</p> <p>Plants: use and parts</p> <p>How do plants change? How can we classify plants? How do plants use leaves to make food? How do plants use roots and stem to grow? How do plants use flowers or cones to reproduce? What is inside a seed? Life cycles of the plants</p>	<p>Agosto - Septiembre</p>
<p>UNIT 4: HOW WE ORGANIZE OURSELVES</p> <p>The animal kingdom</p> <p>How can we classify animals? How does a backbone move? Characteristics of no backbones How are offspring like their parents? Life cycles of some animals</p>	<p>Octubre - Noviembre</p>
<p>UNIT 5: HOW THE WORLD WORKS</p> <p>Ecosystems</p> <p>What is an ecosystem? How do living things get energy? What do yeast use for energy? How do ecosystems change? How can pollution affect an organism?</p>	<p>Noviembre - Diciembre</p>

UNIT 6: SHARING THE PLANET

How does water temperature affect evaporation?

What is water cycle?

What are weather and climate?

Tools used to measure weather

How can you stay safe in severe weather?

Enero - Febrero