

I. BASIC INFORMATION

Section: Basic Education

Level: Sixth grade Elementary School

School year: 2020-2021

II. STUDENTS' EXIT PROFILE

At the end of the year, Students will:

- Gather and record observed information in a number of ways, reflect on these findings to identify patterns or connections, make predictions, and test and refine their ideas with increasing accuracy. - Describe the way objects and phenomena function, identify parts of a system, increasingly complex cause and effect relationships, change over time, and the change may be affected by one or more variables.
- Reflect on the impact that the application of science, including advances in technology, has had on themselves, society and the environment, be aware of different perspectives and ways of organizing the world, and they will be able to consider how these views and customs may have been formulated.
- Use their learning in science to plan thoughtful and realistic action in order to improve their welfare and that of other living things and the environment and communicate their ideas or provide explanations using their own scientific experience and that of others.

III. CONTENT OF THE PROGRAMME

UNIDAD Y CONTENIDO	FECHA
<p>UNIT 1 The nature of Science</p> <ul style="list-style-type: none"> - What do scientists do? - How do scientists investigate? - How do scientists collect and interpret data? <p>- How do scientists support their conclusions?</p> <p>Structure and function</p> <ul style="list-style-type: none"> - What is the circulatory system? - What is the respiratory system? - What are the skeletal and muscular systems? - What is the nervous system? - What are some other systems? 	<p>Mayo-Junio</p>
<p>Unit 2 Ecosystems</p> <ul style="list-style-type: none"> - What are the parts of an ecosystem? - How do organisms interact in ecosystems? - How do ecosystems change? - How do humans impact ecosystems? 	<p>Junio - Julio</p>

<p>Earth's surface</p> <ul style="list-style-type: none"> - What are minerals? - What are rocks? - What makes up soil? - What are erosion and deposition? - How does Earth's surface change? - What are some energy resources? - What is pollution? 	
<p>Unit 3</p> <p>Design and function</p> <ul style="list-style-type: none"> - What is technology? - How does technology mimic living things? - What is the design process? <p>The water cycle and weather (Stand-alone Unit)</p> <ul style="list-style-type: none"> - What is the water cycle? - What is the ocean? - What is weather? - How do clouds and precipitation form? - What is climate? 	<p>Agosto-Septiembre</p>
<p>Unit 4</p> <p>Earth and space</p> <ul style="list-style-type: none"> - How does Earth move? - What is a star? - What are the inner planets? - What are the outer planets? - What are asteroids, meteors, comets, and moons? <p>Properties of matter</p> <ul style="list-style-type: none"> - What makes up matter? - How can matter be described? - What are solids, liquids, and gases? - What are mixtures and solutions? - How does matter change? 	<p>Octubr-Noviembre</p>
<p>Unit 5</p> <p>Classifying organisms</p> <ul style="list-style-type: none"> - How do we classify living things? - How do we classify animals? - How do we classify plants? <p>Growth and survival</p> <ul style="list-style-type: none"> - What are some physical structures in living things? - How do adaptations help plants? - How do adaptations help animals? - What are the life cycles of some animals? 	<p>Noviembre - Diciembre</p>

UNIT 6:**Changing forms of energy**

- What is energy?
- What is sound energy?
- What is light energy?
- How can electrical energy change forms?

Enero-Febrero