



UNIT GRAPHIC ORGANIZER

SUBJECT: SCIENCE AND SOCIAL STUDIES UNIT: 4

COURSE: TRANSITION

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PHYSICAL SCIENCE

THROUGHLINES:

1. Can I be an inventor?
2. What objects perceive our five senses?

GENERATIVE TOPIC



UNDERSTANDING GOALS:

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| The student will explore technological advances and the appropriate use of objects, through the use of the senses. | The students will identify the differences between natural objects and man-made objects, through real objects and videos in order to gain a better understanding about their environment. |
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|                          | UNDERSTANDING PERFORMANCES   | TIME           | ASSESSMENT  |   |
|--------------------------|--|----------------|---|---|
|                          | ACTIONS  |                | WAYS  | CRITERIA  |
| <b>Exploration Stage</b> | <ul style="list-style-type: none"> <li>To identify the natural objects and man-made objects</li> <li>To introduce the five senses</li> <li>To using the five senses</li> <li>To show the different technological devices.</li> </ul>   | <b>2 weeks</b> | <ul style="list-style-type: none"> <li>Watching a video about the natural and man-made created (<a href="https://www.youtube.com/watch?v=7COIUtLJSVQ">https://www.youtube.com/watch?v=7COIUtLJSVQ</a>) then we will observe the classroom and identify the man-made or natural objects.</li> <li>Watching a video about five senses (<a href="https://www.youtube.com/watch?v=q1xNuU7gaAQ">https://www.youtube.com/watch?v=q1xNuU7gaAQ</a>) then we will talk about the how to take care of our senses</li> <li>Playing with objects perceived with five senses.</li> <li>Using different pictures about the technological devices that are used today.</li> <li><b>Synthesis Project:</b><br/>The teacher will explain the project <b>"BE AN INVENTOR!"</b></li> </ul> | <ul style="list-style-type: none"> <li>Observe the world where you live and the forms that surround them.</li> <li>Compare different structures and processes, deduce similarities and differences between them.</li> </ul> |
| <b>Guided Stage</b>      | <ul style="list-style-type: none"> <li>To learn vocabulary about natural objects and man-made objects</li> <li>To compare the differences between natural objects and man-made objects</li> <li>To experience with the five senses</li> <li>To learn the use of some technological advances.</li> <li>To explain the concept about the topics</li> </ul> | <b>4 weeks</b> | <ul style="list-style-type: none"> <li>Exploring the environment to discover natural and man-made objects</li> <li>Classifying the pictures and saying the differences.</li> <li>Creating a stand of the senses where we experience what we feel when using our senses</li> <li>Observing images of technological advances that we currently use and their correct use</li> <li>Working the activities about the topics in the guidebook.</li> <li><b>Synthesis Project:</b><br/><b>"Be an inventor!"</b></li> <li><i>Students will watch videos which guide them to be inventors; we will also meet some famous inventors and thus motivate them to create.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Express the ideas creatively</li> <li>Socialize their ideas and observations using the appropriate language for the area.</li> </ul>   |
| <b>Learning Evidence</b> | <p><b>Synthesis Project:</b><br/><b>"Be an inventor!"</b><br/><i>The project will develop in students the ability to create.</i></p>   | <b>2 weeks</b> | <p><b>Synthesis Project:</b><br/><b>"Be an inventor!"</b></p> <p>After researching and meeting famous inventors, students will create their own invention and present it to their classmates, explaining its uses.</p>  | <ul style="list-style-type: none"> <li>Communicates in various ways the process of inquiry and the results obtained.</li> <li>Applies new concepts in the development of projects.</li> </ul>                               |