



UNIT GRAPHIC ORGANIZER

SUBJECT: Mathematics

UNIT: 4

COURSE: First

TEACHER: Andrea García S – Clara Sanabria - Karen Arias

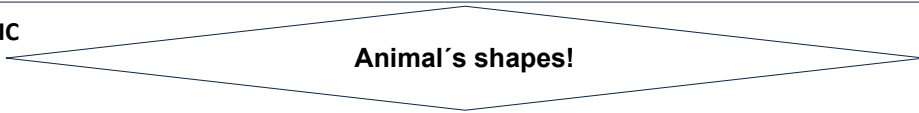
DATE: September 12th /2022

Measuring units, clock, lines and shapes.

THROUGH LINES:

1. Which objects can I measure?
2. How many activities can I do in a daily routine?
3. What kind of lines can I recognize?
4. What are the different shapes around me?
5. How do I locate in the place where I am?

GENERATIVE TOPIC



UNDERSTANDING GOALS:

The student will learn how to measure using nonstandard and standard methods to compare the different sizes in objects, recognizing centimeters and meters in their context.	The student will understand how to use the clock recognizing hours and minutes to acquire the notion of the time they apply in their daily routines, expressing times o'clock and half hours.	The student will comprehend and classify some kind of lines as parallel, perpendicular, curve and straight, identifying and represent it as basic structure of polygonal shapes.	The student will understand the notion of solid and plane shapes modeling with clay taking into account their different sides in order to distinguish them in different dimensions.	The student will comprehend how to go to a site using prepositions of place, identifying their location in a map and in their environment and move easily to help others to locate.
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	UNDERSTANDING PERFORMANCES	TIME	ASSESSMENT	
	ACTIONS		WAYS	CRITERIA
Exploration Stage	<ul style="list-style-type: none"> - To measure some objects of their school supplies and objects around them. - To develop a game, guessing and giving predictions about the time in activities during the day. - To model shapes using different kind of lines. - To develop a game giving directions to find a specific place. <p>ADVANCES OF THE PROJECT - Explanation about how to go from one place to other using a map.</p>	2 weeks	<ul style="list-style-type: none"> - Using the meter, rulers and some different objects. - Using the toy clock, they found on the guide. - Drawing and modeling clay figures and lines. - Giving simple instructions between them, to identify different places at home. <p>ADVANCES OF THE PROJECT - The students will prepare a map where they can organize the information about a farm.</p>	Use the given instructions with the help of basic Math concepts
Guided Stage	<ul style="list-style-type: none"> -To classify different shapes depends on the measuring unit centimetres and meters. - To recognize some kind of lines on different structures. -To measure and compare different solid and plane shapes. -To classify the ways to read the clock and related with daily routines. - To find the way to go to different places within a site. <p>ADVANCES OF THE PROJECT - The students will draw a map of a farm in order to organize the information on this.</p>	4 weeks	<ul style="list-style-type: none"> - Measuring different kind of objects using meters, rules and non standard objects for measure. - Drawing and comparing the lines that appear in different objects. - Modeling with clay 2D and 3D shapes. - Reading the clock using hour o'clock and half hours. - Reading maps and located properly, using prepositions. <p>ADVANCES OF THE PROJECT - The students will prepare a map where they will make geometrical animals with a tangram.</p>	<ul style="list-style-type: none"> -To interiorize cognitive skills those allows him/her to develop the logic Math though. - To participate actively during the classes.
Learning Evidence	<ul style="list-style-type: none"> - The students will make a farm map, using plane geometrical shapes they will build figures of different shapes, as animals with a tangram. 	2 weeks	<ul style="list-style-type: none"> -The students will cut the pieces of each figure and them they will stick in a farm map prepared by them. 	<ul style="list-style-type: none"> - To interiorize cognitive skills those allows him/her to develop the logic Math though. - To participate actively during the classes.