



UNIT GRAPHIC ORGANIZER

SUBJECT: Mathematics

UNIT: 4

COURSE: First

TEACHER: Andrea García S – Clara Sanabria

DATE: September 6th/2021

Measuring units, clock, lines and shapes.

THROUGH LINES:

1. What objects can I measure?
2. How many activities can I do in a day?
3. Are there different kinds of lines?
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 recognize centimeters and meters and will learn how to measure and compare the different sizes in objects using nonstandard measurements.	The student will understand how to use the clock and their parts to acquire the notion of the time they apply in their daily routines.	The student will identify and draw the characteristics between parallel, perpendicular, curve and straight lines to compare it.	The student will understand the notion of solid and plane shapes, by building diverse figures in order to distinguish them in different contexts.	The student will comprehend how to move from one place to other using basic notions of location.
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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. - To develop a game to identify the student's routines. - To model shapes to identify kinds of lines and their characteristics. - To classify two and three D shapes take into account their differences. - To develop a game giving to acquire notions of location. <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, real objects, tables, board, and notebooks. - Guessing and giving predictions about the time in activities during the day. - Using clay and pictures to build different shapes. - Using measuring tools, ruler and meter. - Modeling clay figures and lines. - Classifying different objects and figures. - Giving simple instructions 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 identify different shapes depends on the measuring unit centimetres and meters. - To distinguish the length of some objects. by - To measure and compare different shapes and elements. - To search some information about 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"> - Developing exercises in virtual way and on the guide. - Doing measurements with the family's legs and arms. - Using presentations and on lines games in order to identify shapes, lines, time and location. - Using videos that show different kind of lines, shapes, measurements and time. - Using rules. - Modelling clay. - Drawing some shapes and types of lines. - Reading the clock. - Observing some home objects and interacting with applications of dynamic geometry. - Reading maps and be located properly. <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 then 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.
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