



UNIT GRAPHIC ORGANIZER

SUBJECT: Mathematics

UNIT: 2

COURSE: First

TEACHER: Andrea García S – Ruth Albarracín

DATE: April 15th-2024

TITLE: Subtract quantities, solving problems and perimeter.

THROUGHLINES:

1. What is the process to solve a basic subtraction?
2. What are the steps to solve subtraction with regrouping?
3. How can I recognize a numerical equivalence?
4. What mathematical operation can we use to solve problems in real context?
5. How can I find the perimeter in a shape?

GENERATIVE TOPIC



UNDERSTANDING GOALS:

<p>The student will understand the process and the parts of basic subtraction using manipulatives to develop simple exercises when they need to subtract in their daily life taking into account the position of place value.</p>	<p>The student will comprehend how to develop subtraction with regrouping using concrete material in order to recognize the way that number have to be grouped and represent it in the place value chart.</p>	<p>The student will learn how to identify a numerical equivalence between subtractions, using different mathematical operations to find commutative property showing matching results.</p>	<p>The student will understand the use of mathematical operations, taking into account the four steps by analyzing situations of daily life and how they will practice it in real contexts and representing in a graphical way.</p>	<p>The student will comprehend what a perimeter is, and how to obtain its measure using non-standard methods to practice finding the perimeter in specific locations and evidencing it on a plane.</p>
---	---	--	---	--

	UNDERSTANDING PERFORMANCES	TIME	ASSESSMENT	
	ACTIONS		WAYS	CRITERIA
Exploration Stage	<ul style="list-style-type: none"> To solve some exercises, emphasizing in the action of taking a quantity away from another one. To develop a contest in which students reach different levels by the development of subtractions with regrouping. To find the same difference in the subtractions. To propose situations in which students solve problems with mathematical operations. To measure locations finding the perimeter. <p>ADVANCES OF THE PROJECT Teacher will explain that the project will be joined with other subjects (Spanish, Social,</p>	2 weeks	<ul style="list-style-type: none"> Observing pictures what shows basic subtractions exercises. Playing with real manipulatives such as base ten blocks, wood sticks, tokens, pop it. Asking questions such as, how much is missing in these pictures to have the same number of elements as the other one? And so on. Following the four steps. Practicing grids to count. 	<ul style="list-style-type: none"> Use the given instructions with the help of basic Math concepts.

	English, Dance, information, PDH) and she will explain what is the importance to solve basic operations as addition and subtraction.			
Guided Stage	<ul style="list-style-type: none"> To solve basic subtractions with concrete material. To play a game in which the students solve subtractions with regrouping and range points by each level in the classroom. To present different amounts to the students in order to identify numerical equivalences. To solve simple daily situations represented on pictures to be interpreted and solved through addition or subtraction. To find the perimeter of different shapes giving by the teacher. <p>ADVANCES OF THE PROJECT Students will practice on the store they will build, checking the products and the prices. Select the roles in the project.</p>	4 weeks	<ul style="list-style-type: none"> Playing the “rulers” to subtract in activities on the guide. Manipulating base ten blocks. Using counters. Watching videos about the four steps. Practicing in the didactic guide and examples displayed on the screen. 	<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	<p>From the countryside to your hands!</p> <p>The project will work transversally with all areas and the principal subject is social studies, which seeks to learn about the process of transformation of products delivered from countryside to the city through a visit to the supermarket where they will identify, classify and buy products taking into account some clues.</p> <ul style="list-style-type: none"> In the store that we will create, we will carry out all the activities of a business of buying and selling products, we will use bills and coins to add and subtract and perform different mathematical operations. Make different shelves where the products will be placed to sell and buy and measure the perimeter of each of them, to enrich the knowledge and join with subjects as social, language, science, arts, English, dance and PDH. 	2 weeks	<ul style="list-style-type: none"> Creating different shapes and finding the perimeter on it. Using non-standard measurements to identify the perimeter on a plane and on real locations. 	<ul style="list-style-type: none"> To demonstrate comprehension of the topics learnt through the correct presentation of them.