



UNIT GRAPHIC ORGANIZER

SUBJECT: Mathematics

UNIT: 3

COURSE: Kinder

TEACHER: Viviana Melissa Gómez M

DATE: July 07th - 2025

TITLE:

Numbers up to 59, addition, grouping, measuring

THROUGHLINES:

- 1

How many sets of 10 can I make until 59?
- 2

How can I group objects by characteristics?
- 3

How can I solve problems using objects to add?
- 4

How can I identify the length in a ruler?

GENERATIVE TOPIC

i LITTLE INVENTORS!

UNDERSTANDING GOALS:

The student will understand the numbers up to 59 by practicing with different activities like: counting, sequences, interactive games and videos, in order to appropriate the numbers sense, to show numerical thinking through the numerical line in a show and tell activity.	The student will understand how to try to solve problems creating stories with manipulative material to create their own story and puppet to show the comprehension relating the corresponding quantities.	The student will understand how to make addition of number up to 10 using chocolate coins, toys, candies and abacus to improve numerical thinking creating an adding machine.	The student will comprehend the measurement through not conventional measurement in order to understand the metric thinking in order to create a paper ruler to show their knowledge measuring classroom objects.
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	UNDERSTANDING PERFORMANCES	TIME	ASSESSMENT	
	ACTIONS		WAYS	CRITERIA
Exploration Stage	<div><div><div>• To identify the family of number 40.</div><div>• To associate quantities with numbers</div><div>• To identify the family of number 50.</div><div>• To practice number trace from 30 of 59.</div><div>•To practice the quantities and sequences number up to 59</div><div>•To introduce the subtraction.</div><div>•To recognize problem solving.</div><div>•To understand measuring.</div><div>•To model with play Doug the minus and equal symbols.</div><div>•To identify how to use a ruler.</div></div><div><div>Synthesis project Advance:</div><div>Student will know the project about the gallery art, including the mathematics in the project. student will represent the family of number 40 with homemade playdough and compare quantities.</div></div></div>	2 Weeks	<div><div>• Watching videos about family of number 40</div><div>• Presenting numbers up to 49 with concrete material.</div><div>• Counting with beans, vetch and candies.</div><div>• Fishing numbers in the water.</div><div>• Practicing problem solving with toys and stories</div><div>• Participating and building Jenga game to order numbers.</div></div>	<div><div>• Reflects the mathematical competences and actions or processes of math.</div><div>• Learns and associates numbers in different contexts, directionality, sizers and quantities.</div><div>• Comprehends and follows mathematic instructions.</div></div>

Guided Stage	<ul style="list-style-type: none">• To represent family of 50 with different materials and counters to grouping 10.• To practice counting.• To practice the trace of families 40 and 50 with markers and paints.• To make the family of number 60 with balloons.• To practice subtraction with bowling.• To practice problem solving with the friends.• To practice measuring with a ruler.• To classify objects according to the measurement. <p>SYNTHESIS PROJECT ADVANCE:</p> <p>Students will make coins for the gallery art.</p>	4 Weeks	<ul style="list-style-type: none">• Making the trace in sandpaper.• Making the numbers in the walls.• Playing dominoes using the addition.• Playing a fighter’s game at class, searching numbers.• Making measurement with gummy bears.• Presenting problem solving with videos.• Playing a number race with all the family’s numbers	<ul style="list-style-type: none">• Participates actively in classes.• Creates, uses and makes material according to the topics
Learning Evidence	<p>Synthesis project</p> <p>Little Inventors!</p> <p>The synthesis project will consist to integrating the areas of science, English, Systems, Mathematics, and Spanish.</p> <p>The project will consist to create a gallery art store. Students will find different products where they can sell and buy.</p> <p>From math area, the students will write the numbers on the coins and they will identify addition. The main goal of the activity will be to practice and implement the topics according to the teacher’s instructions to show learned in the term.</p>	2 Weeks	<ul style="list-style-type: none">• Practicing Measuring with the ruler.• Organizing the numbers according to the instructions.• Practicing combination of numbers.• Students will be practicing Addition with stickers.• Students will be practicing their speaking, using the vocabulary and key words.	<ul style="list-style-type: none">• Team work• Oral interaction.• Interiorizes cognitive skills that allow developing the logical thinking.