ΓEACHER NAME:	Jasmine Saechao	SETTING:	3 rd Grade Classroom	DATE:	Nov 19, 2022_
JNIT: Operations and A	lgebraic Thinking				
LESSON TITLE: Introdu	icing Multiplication				
X WHOLE GROUP	SMALL GROUP	INDIVIDITAL (1·1)	OTHER: explain		

UNIVERSAL LESSON PLAN

W H A What is being taught?

LEARNING GOAL:

Students will be able to solve multiplication problems with products 100 and below, by practicing with multiple forms of representations, in order to solve at a 80% accuracy after a week of practice.

California Common Core State Standards: Mathematics

STANDARD(S):

CCSS 3.0A: OPERATIONS AND ALGEBRAIC THINKING

CCCS 3.0A1 Interpret whole numbers, e.g. interpret 5x7 as the total numbers of objects in 5 groups of 7 objects each.

CCCS 3.0A3 Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement qualities.

IEP GOAL(S): *list applicable IEP goals as they apply to the lesson.*

Student will be able to draw pictures for the multiplication representation. The student by the end of the week, will be able to compute the answers to multiplication problems at 50% accuracy, but will try to draw pictures for 90% of the problems.

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Why is this lesson being taught?

RELEVANCE: Multiplication has a real presence in everyday life. Right now, we add things together to find the total. In many cases, we can use a multiplication problem to solve counting problems, especially involving groups or rows. Can you imagine not having to count all twenty chairs in a room, but just having to count the number or rows and how many chairs in each row? Then, you'd know the answer, because of multiplication.

RATIONALE - PRIOR KNOWLEDGE: Do y'all remember us learning skip counting, addition, and how to use the number line? All of those are going to be used to help us show multiplication understanding.

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H O W How is this lesson being taught and assessed?

BEHAVIORAL EXPECTATIONS:

- Students will be expected to listen and participate in the lesson.
- Students will be expected to respect each other's spaces and materials, including white boards and markers.
- Students are expected to try. They will not be graded on knowing the material right off the bat, but they are expected to try their best at retaining and using the information about multiplication.

ACADEMIC LANGUAGE: bullet and define lesson vocabulary - included in the lesson sequence.

- Array: an ordered arrangement
- Skip counting: the method of counting forward by numbers other than 1
- Equal Groups: arranging numbers into piles/circles of equal amounts of the same number
- Product: *The answer to a multiplication problem*

MATERIALS: *list materials required for the lesson.*

- PowerPoint presentation with example multiplication problems
- White boards and markers for each individual student
- White board or smart board for the teacher to display the answers to the class
- Handout, as described in lesson, and pencils

ACCOMMODATIONS, MODIFICATIONS & <u>UDL</u> CONSIDERATIONS:

- Students can use beans or counters, by arranging them in the necessary arrangement to represent multiplication if writing on a whiteboard is not accessible
- Students can verbally express the multiplication representation if using hands and arms is not accessible
- Students can watch the lesson from a more comfortable place, like the rug
- Students can receive a fidget in order to help them pay attention the class lesson

CO-TEACHING AND/OR PARAPROFESSIONAL SUPPORT (IF

APPLICABLE): describe co-teaching strategies and/or the roles and responsibilities of paraprofessionals during the lesson.

JN IIILE. muoducing	Multiplication		
WHOLE GROUP	SMALL GROUP INDIVIDUAL (1:1)	OTHER: explain	
students w	SEQUENCE: sequentially list lesso ill engage throughout the lesson. EW BEHAVIORAL EXPECT A	-	
INTRODUC	Hello, today we will be learning what multip shown with an x. After the lesson, we will be of pictures to help us! Relevance. Multiplication has a real presence in every together to find the total. In many cases solve counting problems, especially into not having to count all twenty chairs in number or rows and how many chairs in because of multiplication. Rationale - Activate Prior-Knowledge — Do y'all remember us learning skip countime? All of those are going to be	eryday life. Right now, we add things, we can use a multiplication problem to olving groups or rows. Can you imagine a room, but just having to count the n each row? Then, you'd know the answer, enting, addition, and how to use the se used to help us show multiplication and number line to also help us. Like skip	TIME 5:00
INSTRUCTI	section will include a multiplication problem writt will say equal groups, followed by array, number-l be filled out in the handout as we work through the	WHAT WILL THE STUDENTS DO? Student will label multiplication symbol and 10 as the quotient. Then, the students will be copying the equal groups, and participating by answering questions. Students will be able to connect this model to the associated answer. Next, the students will draw the array, as modeled by the teacher. The students will also answer the question. The students will continue the same engagement through the remaining representations for multiplication.	TIME 20:00

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OLE GROUP SMA	LLL GROUP INDIVIDUAL (1:1)	OTHER: explain	
	The teacher will ask the students to show their answers once everyone is done. Then the teacher will also solve the problem on the white board, showing the correct answer. This will be repeated for 2 more different types of representations. Then the teacher will read multiplication problems, telling the students to solve on their own using whatever representation type of their choice. Supports.	clearly. The students will show their answer, and follow along as the teacher explains, especially for students who did not get the correct answer. The students will listen to the word problem, and come up with a representation model that makes sense to them for the given problem. They will show the representation and the answer clearly.	
CLOSURE	understands, such as addition, groups, and nu	the answers to the teacher's desk for if there is small errors, then the teacher will try again with one last problem. If there are the student may need to move onto Tier 2 work in the real world. An example could include qual groups or array, depending if they are in we connecting it to concepts the student already umber-lines. These connections help the ing introduced to other means of representation,	ТІМЕ
learning - outline describe how stu Student i multiplic Students based on	e how student learning will be a dents will receive and review fe is able to show the different tyration. will be able to come to the cothe representation model.		al and

• ASSESSMENT FEEDBACK & REVIEW

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• If majority of students are retaining the information and able to solve multiplication problems correctly, no change to Tier 1 instruction will be needed. If there are less than 80% of students proficient in the material, then there will need to be changes made in instruction.

This Universal Lesson Reflection

Where does the lesson go from here?

ASSESSMENT RESULTS: summarize student data - describe trends that highlight student learning and trends that identify areas to target for improvement.

- What did the students learn what data supports this?
- What do students need to learn or practice what data supports this?

DATA-BASED DECISIONS FOR FUTURE LESSONS: outline future lesson topics based on student data - describe how the data influenced your decisions on lesson progression.

UNIVERSAL LESSON REFLECTION

Directions: Reflect on your lesson planning, delivery, and assessment using the prompts below to guide your thinking. Prepare a response for each prompt to discuss with your mentor teacher and university supervisor.

GLOW: What went well in the lesson? Why?

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CD CYTY YY					
GROW: What w	ithin the lesson cou	uld be improved	? How?		
XX7	1. (1. 1	0 E 1 ·			
Were students en	igaged in the lessoi	n? Explain.			
D'I I	. 1 41 1 .	10 VEC	NO		
	ish the learning go				
If YES, what dat	a supports your ar	iswer? If NO, wl	hat strategies, idea	s, or supp	orts can be
-	maximize student l	-	9 /	, 11	
implemented to i	maximize student i	car ming.			
Notes.					
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