

DAILY LESSON PLAN

Math GRADE:3

(NO.17/19)

INTERNATIONAL DAILY LESSON PLAN

Unit 2: Numbers Operations.

Date: _____

Topic: Division (Day 1).

Year Level: 3

Key Learning Area: Division, relationship between division and multiplication,

Outcomes: Students will be able to solve double digit division problems.

Students will be able to explain how to solve double digit division problems

By multiplicative tables.

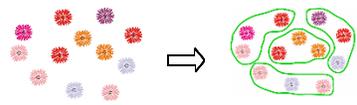
Lesson Structure:

Time	Introduction (Set):	Teaching Approaches
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<p>10 min.</p>	<p>Provide vocabulary cards to students with key terminology they will use throughout the lesson. Include words, such as: distribute, division, equal groups, divide, equation.</p> <p>Division as Repeated Subtraction:</p> <p>Introduce the concept as the division is basically repeated subtraction of the same whole number from any given number. Show a solution by using both methods. Enforce the concept that repeated subtraction is a very long method that is why we prefer the division operation.</p> <p style="text-align: center;">7 ← quotient</p> <p style="text-align: center;">Divisor → 2√14 ← dividend</p> <p style="text-align: center;">dividend ÷ divisor = quotient</p> <p>Tell students, "Today we are going to practice the division-repeated subtraction as a strategy to division."</p>	<p>Introduction to Division:</p> <p>Write down a division sum on the board with solution. Highlight its each part and name it as quotient, divisor and dividend etc.</p> <p>Dividend: <i>In division, the number being divided into is called dividend.</i></p> <p>Divisor: <i>The number dividing by given number.</i></p> <p>Quotient: <i>The result of the division.</i></p>
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LESSON STRUCTURE:

Time	Main Content:	Teaching Approaches
<p>25 min.</p>	<p>Division as Making Groups:</p> <p>Students make groups of certain size using the visuals, and write the division sentence. They also draw objects to match the divisions, solve word problems, and explore patterns in division tables.</p> <p>Comparison of Multiplication and Division:</p>	<p>Visual/Pictorial Division:</p> <p>Demonstrate the division by pictorial way. Inquire from your students as:</p> <p>There are 12 daisies. Make groups of 3.</p>

	<p>Help the students make a chart that shows the relationship between multiplication and division. Give this task to several groups. They can use any multiplication facts to make this chart. Put in the classroom, so they can see how knowing tables can help them with division.</p> <p>Multiplication and division are closely related, given that division is the inverse operation of multiplication. When we divide, we look to separate into equal groups, while multiplication involves joining equal groups.</p> <p>Once the students get comfortable with the concept. Help them to solve pages number 64-66 of the <i>incredible Mathematics book garde 3</i>.</p>	 <p>How many groups are there? <u>Four groups.</u></p> <p>How many 3's are there in 12? <u>Four.</u></p> <p>The relationship between division and multiplication:</p> <p>Use any daily life problem to illustrate the relationship between the two operations as:</p> <p>Sidra made a pie for 7 people. She cut it into 28 slices. How many slices will each person receive?</p> $28 \div 7 = 4$ $7 \times 4 = 28$
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Time	Conclusion:	Teaching Approaches
5 min.	<p>Students will be able to:</p> <p>Use equal groups, drawings, and measurement quantities to solve division problems.</p> <p>Construct solutions to solve simple division problems</p> <p>Explain and defend how they generated answers for division problems.</p>	<p>Review the lesson with students. Ask students, "what did we learn about Division today"?</p> <p>Give enough practice as homework</p> <p>Ask for questions.</p>

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Resources:

Writing board, chalk/marker, color pencils, sticky notes, related worksheets, Incredible Mathematics Grade 3 book, notebooks etc.

Safety Consideration/ Materials

None

Assessment

Related worksheets

Board test

Mind-teasers.

Quiz etc.

Reflection

Students have understood the following:

Use equal groups, drawings, and measurement quantities to solve division problems.

How to construct solutions to solve simple division problems

Explain and defend that how they generated answers for division problems.

