

DAILY LESSON PLAN

Math GRADE:4

(NO.7/13)

INTERNATIONAL **DAILY LESSON PLAN** [®]
MOONLIGHT
PUBLISHERS

Unit 3: Fractions.

Date: _____

Topic: Addition of Fractions with like Denominators.

Year Level: 4

Key Learning Area: Adding, sum, common denominator, simplest terms,

Visual subtraction of fractions, Real life example of adding the fractions.

Outcomes: Students will be able to add the fractions with like denominators.

Students will be adding the fractions through visual pictures.

Students will be able to apply the addition of fraction in real life-related situation.

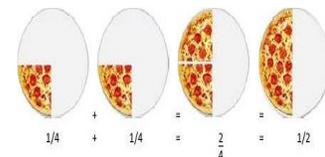
Students will be able to solve the word problems through addition of fraction.

Lesson Structure:

Time	Introduction (Set):	Teaching Approaches
10 min.	<p>Teacher will set the tone of the lecture by recalling and revising the addition of fractions with like denominators. Tell the students that we have learned in the previous grade and lessons too.</p> <p>After revising the addition concept, the teacher will warm-up the class by introducing a rhyme and sing along with the students.</p>	<p><i>A Rhyme to Help the Operations:</i></p> <p>The teacher will display the rhyme on a chart paper. First explain it and then sing it with the students</p> <p>♪ "If adding or subtracting is your aim, The bottom numbers must be the same!</p> <p>♪ "Change the bottom using multiply or divide, But the same to the top must be applied,</p> <p>♪ "And don't forget to simplify, Before its time to say good bye"</p>

LESSON STRUCTURE:

Time	Main Content:	Teaching Approaches

<p>25 min.</p>	<p>To add fractions there are Three Simple Steps:</p> <p>Step 1: Make sure the bottom numbers (the denominators) are the same</p> <p>Step 2: Add the top numbers (the numerators), put that answer over the denominator</p> <p>Step 3: Simplify the fraction (if possible)</p> <p>Introduce the simplest fractional word problem. Demonstrate the students that how to extract the data and solve it. Then give some of the problems to the students too.</p> <p>Once the students get the concept thoroughly, ask them to open the pages number 77 and 78 of <i>Incredible Mathematics grade 4</i>, book and solve the questions.</p> <p>Closely observe their performance and assist them if they need any help in the process.</p> <p>Also encourage the students to give an example of a real world situation where they would have to add fractions. Ask them how would you explain and how to do it?</p>	<p>Addition of Fractions:</p> $\frac{1}{4} + \frac{1}{4}$ <p>Step 1. The bottom numbers (the denominators) are already the same. Go straight to step 2.</p> <p>Step 2. Add the top numbers and put the answer over the same denominator:</p> $\frac{1}{4} + \frac{1}{4} = \frac{1+1}{4} = \frac{2}{4}$ <p>Step 3. Simplify the fraction:</p> $\frac{2}{4} = \frac{1}{2}$ <p>Visual Addition of Fractions Aids:</p> <p>Use visual addition of fractional pictures. This will help the students to understand the operation more effectively.</p> <p>Teacher will show visual fractions regarding above example as:</p>  <p>Students will complete the worksheet on matching adding fraction equations to the visual representation.</p>
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Time	Conclusion:	Teaching Approaches
5 min.	<p>Students will be able to add the fractions with like denominators.</p> <p>Students will be adding the fractions through visual pictures.</p> <p>Students will be able to apply the addition of fraction in real life-related situation.</p> <p>Students will be able to solve the word problems through addition of fraction.</p>	<p>Review the lesson with students.</p> <p>Ask students, "what did we learn about addition of fractions today"?</p> <p>Give enough practice as homework</p> <p>Ask for questions.</p>

Resources:

Board, board marker, real life-related worksheets, Addition of fraction worksheets, Incredible Mathematics Grade 4 book, notebooks etc.

Safety Consideration/ Materials

None

Assessment

Related worksheets

Board test

Mind-teasers.

Quiz etc.

Reflection

The students have understood that how to:

- Add the fractions with like denominators.
- Add the fractions through visual pictures.
- Apply the addition of fraction in real life-related situation.
- Solve the word problems through addition method of fraction.