

DAILY LESSON PLAN

Math GRADE:2

(NO.2/3)



Unit 3: Fractions

Date: _____

Topics: Fractions in Numeral Form.

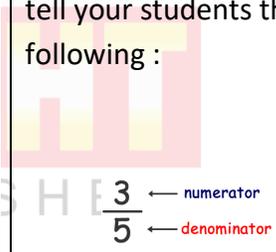
Year Level: 2

Key Learning Area: Recognize fraction as equal parts of a whole,
Identifying different forms of fractions.

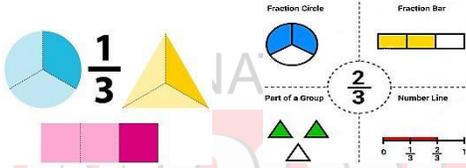
Outcomes: Recognize fractions as a part of whole, Learn, portioning different geometric shapes into halves, one-fourth, three-fourth, one third, two-third, etc.

Lesson Structure:

Time	Introduction (Set):	Teaching Approaches
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10 min.	<p>Recall the fractions with your students. Ask as many questions from the previous lecture as you can.</p> <p>Draw circles on the board cut it into half and enquire from your students as are these two parts equal?</p> <p>Now write half as $\frac{1}{2}$ which means one out of 2 equal parts.</p> <p>Now draw a few shapes on the board, demonstrate one-third and two-third parts of the shapes.</p> <p>Emphasize that Equal means that the parts have the same size.</p> <p>Give your students enough practice with the fractions that you mentioned earlier.</p> <p>Explain how we write the fractions. The numerator is the number of parts that we have. The denominator is the total number of parts in the whole.</p>	<p>Warm-up Activity:</p> <p>Have an interactive approach.</p> <p>Give them the same activities, you discuss and perform with your students.</p> <p>Give them different shapes to practice the fraction $\frac{1}{2}$.</p> <p>Concepts of Fractions:</p> <p>Write a fraction on the board and elaborately tell your students the following :</p> <div style="text-align: center;">  <p>$\frac{3}{5}$ ← numerator ← denominator</p> </div> <p>Fractions have <i>numerator</i> and <i>denominator</i>. They are divided by a line in the middle.</p>
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LESSON STRUCTURE:

Time	Main Content:	Teaching Approaches
25 min.	<p>Half, One-third, and Two-third Fractions:</p> <p>Illustrate some of the shapes like triangles or circles. Cut them into three divisions. Now color its one part and demonstrate the fraction on the board with the shape as $\frac{1}{3}$ and call it as $\frac{1}{3}$ means one part out of 3 equal parts.</p> <p>Now introduce the other fraction too. Write down the numeral form of the fractions on the board and read as:</p> <p>$\frac{2}{3}$ Means 2 parts out of 3 equal parts.</p>  <p>One-fourth, three-fourth fractions:</p> <p>Bring some use paper cutouts. Ask students to try and cut them into four equal parts. Give them numeral fractions of the cutout parts as:</p> <p>$\frac{1}{4}$ Means one part out of 4 equal parts.</p> <p>$\frac{3}{4}$ Means three parts out of 4 equal parts.</p>  <p>Four parts $\frac{4}{4}$ Three-fourth $\frac{3}{4}$ One-fourth $\frac{1}{4}$</p>	<p>Activity 1:</p> <p>Handover printed worksheets or paper cuts out to each student or ask your students to draw any shape of their choice and cut it into $\frac{1}{3}$. Now Inquire, are these cut out in equal parts? What if you join the halves again? What will you get then?</p> <p>Activity 1:</p> <p>Uses some printed or cut-out shapes or even draws some on the board. Ask students to come and make it a one-third fraction. Then call another one to come and make it a two-thirds fraction. Give them different color board markers for fractioning out the required part.</p> <p>Fractions through Pie Activity:</p> <p>Draw or paste a printed pie picture on the board. Firstly cut it into 4 equal parts. Take out one part or color it. Now tell the students that you have one-fourth of the pie.</p>

	<p>of the pie of the pie</p> <p>of the pie</p> <p>Once the students get the ideas of numerical forms of the fraction. Give different shapes and practice of the book pages number 110-116.</p>	<p>Point out the remaining three halves and referred them as three-fourth of the pie.</p>
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Time	Conclusion:	Teaching Approaches
5 min.	<p>Students will be able to:</p> <p>Which number in a fraction is the numerator and which is the denominator.</p> <p>Apply their new knowledge of fractions on different given shapes.</p> <p>Draw and divide the shapes by given fractions.</p>	<p>Review the lesson with students.</p> <p>Ask students, "what did we learn about numeral fractions today"?</p> <p>Ask for questions.</p>

Resources:

Sticky notes, colored markers, printed/cuts out shapes, Incredible Mathematics Grade 2 book, board, Notebooks, Markers etc.

Safety Consideration/ Materials

None

Assessment

Students will be assessed by the following;

Printed worksheets.

Brainteaser.

Home assignments of page numbers 110-116.

Quiz etc.

Reflection

Students have understood the following:

Which number in a fraction is the numerator and which is the denominator.

Apply their new knowledge of fractions on different given shapes.

Draw and divide the shapes by given fractions.