

## DAILY LESSON PLAN

Math GRADE:3

(NO.7/19)



### DAILY LESSON PLAN

**Unit 2:** Numbers Operations.

**Date:** \_\_\_\_\_

**Topic:** Addition fun facts, Subtraction fun facts, Subtract mentally. **Year Level: 3**

**Key Learning Area:** Facts about addition and subtracting involving even and odd numbers.

**Outcomes:** Students will be able to understand the operations involving even and odd numbers. Students will be able to subtract by using mental strategies.

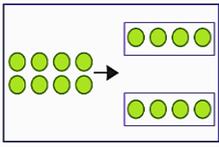
#### Lesson Structure:

Time	Introduction (Set):	Teaching Approaches
------	---------------------	---------------------

10 min.	<p>Recall the addition and subtraction rules with your students. Ask as many as questions from your students to check their understanding about the operations.</p> <p>Take a quick board test of the related operation's questions.</p> <p>Recall the concepts of Even and odd numbers.</p> <p>Tell your students that today we are going to practice the addition and subtraction related fun facts.</p>	<p><b>Warm-up Activity:</b></p> <p>Have an interactive approach. Ask your students to define what are even and odd numbers.</p> <p>Write down some random numbers on the board and ask your students to separate the even numbers from odd numbers on their notebooks.</p>
---------	--	--

**LESSON STRUCTURE:**

Time	Main Content:	Teaching Approaches												
25 min.	<p><b>Addition Fun Facts:</b></p> <p>Tell and demonstrate with examples that:</p> <ul style="list-style-type: none"> <li>▪ The sum of two even numbers is an even number.</li> <li>▪ The sum of two odd numbers is an even number.</li> </ul> <p>Practice the above-mentioned Addition fun facts with 1-digit firstly and then 2-digit numbers.</p> <p><b>Subtraction Fun Facts:</b></p> <p>Demonstrate the subtraction fun facts by examples:</p> <ul style="list-style-type: none"> <li>▪ The subtraction of two numbers always gives an even number.</li> </ul>	<p><b>Facts of Operations:</b></p> <p>Paste or draw the given table in front of your class. Explain the mentioned facts by simple examples.</p> <table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th> <th>Addition</th> <th>Subtraction</th> </tr> </thead> <tbody> <tr> <td>Even-Even</td> <td>Even ⇒ <math>6 + 4 = 10</math></td> <td>Even ⇒ <math>8 - 4 = 4</math></td> </tr> <tr> <td>Even-Odd</td> <td>Odd ⇒ <math>6 + 5 = 11</math></td> <td>Odd ⇒ <math>8 - 5 = 3</math></td> </tr> <tr> <td>Odd-Odd</td> <td>Even ⇒ <math>3 + 9 = 12</math></td> <td>Even ⇒ <math>7 - 5 = 2</math></td> </tr> </tbody> </table> <p><b>Activity 1:</b></p> <p>Take some countable objects say Unifix cubes or toothpicks. Demonstrate the</p>		Addition	Subtraction	Even-Even	Even ⇒ $6 + 4 = 10$	Even ⇒ $8 - 4 = 4$	Even-Odd	Odd ⇒ $6 + 5 = 11$	Odd ⇒ $8 - 5 = 3$	Odd-Odd	Even ⇒ $3 + 9 = 12$	Even ⇒ $7 - 5 = 2$
	Addition	Subtraction												
Even-Even	Even ⇒ $6 + 4 = 10$	Even ⇒ $8 - 4 = 4$												
Even-Odd	Odd ⇒ $6 + 5 = 11$	Odd ⇒ $8 - 5 = 3$												
Odd-Odd	Even ⇒ $3 + 9 = 12$	Even ⇒ $7 - 5 = 2$												

	<ul style="list-style-type: none"> <li>▪ The subtraction of two odd numbers always gives the odd number.</li> <li>▪ The difference of an odd number and an odd number is an even number.</li> </ul> <p><b>Subtract Mentally:</b></p> <p>Enforced the concept that it is easy to subtract tens rather than any other bigger number. So mental subtraction worked on making the group of tens.</p> $85 - 42 =$ $85 - 40 - 2 =$ $45 - 2 = 43$ <p>Let your students have enough practice of the concepts. Once they have strong grip on the facts, ask them to solve pages number 48-50 from <i>Incredible Mathematics</i> book of grade 3.</p>	<p>addition facts of taking cubes in even numbers as:</p>  <p>Demonstrate the subtraction and addition facts by using above mentioned activity.</p> <p><b>Finding the Ten:</b></p> <p>This is a mental math trick that will help students develop their procedural fluency.</p> <p>Instead of subtracting two numbers as they are, encourage students to make a group of 10, and then subtract the remainder from that 10.</p>
--	---	---

Time	Conclusion:	Teaching Approaches
5 min.	<p>Students will be able to:</p> <p>Understand the fun fact rules of addition and subtraction.</p> <p>Understand the operations involving even and odd numbers.</p>	<p>Review the lesson with students. Ask students, “what did we learn about fun facts of operations today”?</p> <p>Ask for questions.</p>

	The importance of making ten in mental subtraction.  Subtract by using mental strategies.	
--	---	--

**Resources:**

Writing board, chalk/marker, color pencils, sticky notes, Printed fun facts table for addition and subtraction, 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:  
  
Fun fact rules of addition and subtraction.  
  
Operations involving even and odd numbers.

Importance of making ten in mental subtraction.

Subtraction by using mental strategies.

