

DAILY LESSON PLAN

Unit: Whole Numbers

Date: _____

Topic: Concept of Tens (Day 2).

Key Learning Area: 2-digit numbers other than ten, Numbers in words up to 20 **Year Level:** 1

Matching numbers, bead frame concepts.

Outcomes: Understanding of 2-digit numbers, reading, writing and matching the numbers up to 20, identifying the place value concepts by using beads frame.

Lesson Structure:

Time	Introduction (Set):	Teaching Approaches
10 min.	<p>Recall the previous lecture. Ask as many questions as you can. Give some puzzle related question related to concept of tens on the board.</p> <p>Encouraged the students to come and solve the questions on the board.</p> <p>Concept of 2 Digit Numbers:</p> <p>Students should experience counting using manipulative such as icy-pole sticks/Unifix Cubes and counters with numbers that are large enough for them to see the need to make and use 'tens'. We want them to become accustomed to organizing the items they are counting into 'tens' as an efficient means of finding the total of the count.</p>	<p>Unifix Cube/Icy pole Activity:</p> <p>Give your students Unifix cubes or icy-pole to build the group of ten. Remaining cubes other than 1 known as Ones. Reinforce the idea of 'how many tens' and 'how many ones'</p> 

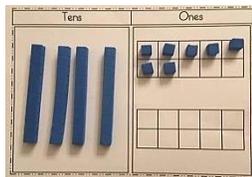
		<p>When the children are comfortable with the numbers beyond ten, extend some of the activities for developing number sense that were used earlier.</p>
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LESSON STRUCTURE:

Time	Main Content:	Teaching Approaches
25 min.	<p>Once the students have understood the concept of ten being 1 Ten and zero Ones then slowly start introducing the ones. Encourage them to say a number one Ten and one Ones is Eleven. One ten and 2 one is twelve up to nineteen.</p> <p>Concept of Ball Frame:</p> <p>Introduce the place value concept by different groups of tens. Show them some of the</p>	<p>Demonstration of base-ten Activity:</p> <p>Give them different groups of tens and ones and ask them to write the number. You may also write the number on the board and ask them to arrange the cubes or sticks by the given numbers.</p>

arrangements of Tens with Ones. Give them the basic concept of **Ball Frame**. As the *right rod* shows the number of *Ones*. The number of beads in the *left rod* shows the tens.



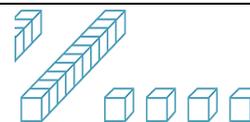
Missing Numbers:

As the students have understood the concepts of place value up to 20. Give them practices by using previous lectures of ascending order, what comes after, before and in between the number etc.

1	3	5
	7	9
11	13	15
	17	19

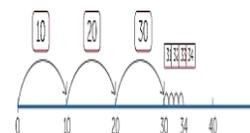
Counting in Words up to 20:

Once the students understood the meanings of numbers and quantities help them to memorize the numbers in words from 11 to 20. Help them to rote the spellings and then give them scabbled words activity to arrange the word correctly.



Number line Activity:

Use the Number Line to give them the concept of ten and groups of ten.

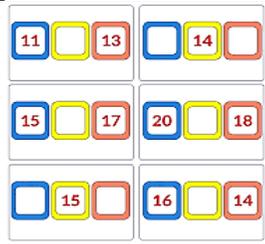


Bead Frames:

Give students enough time to demonstrate the grouping of tens with Ones by using ball frame.

Missing number worksheets Activities:

- Give them work sheets on: Solve the Missing Numbers in Ascending order or Descending order.
- what comes before, after and between?
- Missing numbers on the number lines.

		
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Time	Conclusion:	Teaching Approaches
5 min.	Students will be able to: Read and write the numbers up to 20. Read and write the numbers in words up to 20. Identify the place value of the numbers. Understand the concept of bead frame. Read and write the number in the bead frame. Match the numbers Write down the missing numbers on number line.	Recall the most effective activity from the lesson. Review the lesson with students. Ask students, "what did we learn about numbers today"? Chant the counting in words with the students. Ask for questions.

Resources:

Printed or handmade number cards, printed number line, Unifix cubes, Sticky notes, Icy-sticks, Bead/Ball frames, Flash/Number cards, Missing numbers worksheets, Incredible Mathematics Grade 1 book, notebooks etc.

Safety Consideration/ Materials

None

Assessment

Students will be asked to complete a worksheet (independent practice) on 2-digit numbers. Assign them some printed worksheets and exercise related questions for the practice.

Mind games.

Quiz etc.

Reflection

Students have understood the following:

Read and write the numbers up to 20.

Read and write the numbers in words up to 20.

Identify the place value of the numbers.

Understand the concept of bead frame.

Read and write the number in the bead frame.

Match the numbers

Write down the missing numbers on number line.