

**Grade: 1****Lesson:** “Numbers”—Pg. 117 to 121

“How many?”—Pg. 130 and 131

**Topic: Addition and Subtraction****Activity 1: Using Ice-cream sticks/Straws.****Learning Objectives:**

1. Counting in groups.
2. Writing the numerals in terms of tens and ones.

**Duration:** 30 mins**Purpose:**

Ice-cream sticks/straws are used for counting numbers. This material can be used as an alternate for the activities involving matchsticks.

For lessons on Grade 1 –

**Resources Needed:**

1. Ice cream sticks/straws.
2. Tens and ones chart.

TENS	ONES

**Concrete Part:**

- Ask the students to count up to hundred using the sticks.
- Then, ask the students to bundle the sticks in tens in order to make the pre-requisite better.
- Finally, select a particular number at random and ask the students to count the number and arrange it terms of tens and ones. For example, if the students are asked to represent 67, then they must give 6 bundles and 7 single sticks (6 tens and 7 ones).

**Pictorial Representation:**

- Ask the students to draw any picture that can represent the above **concrete part**.

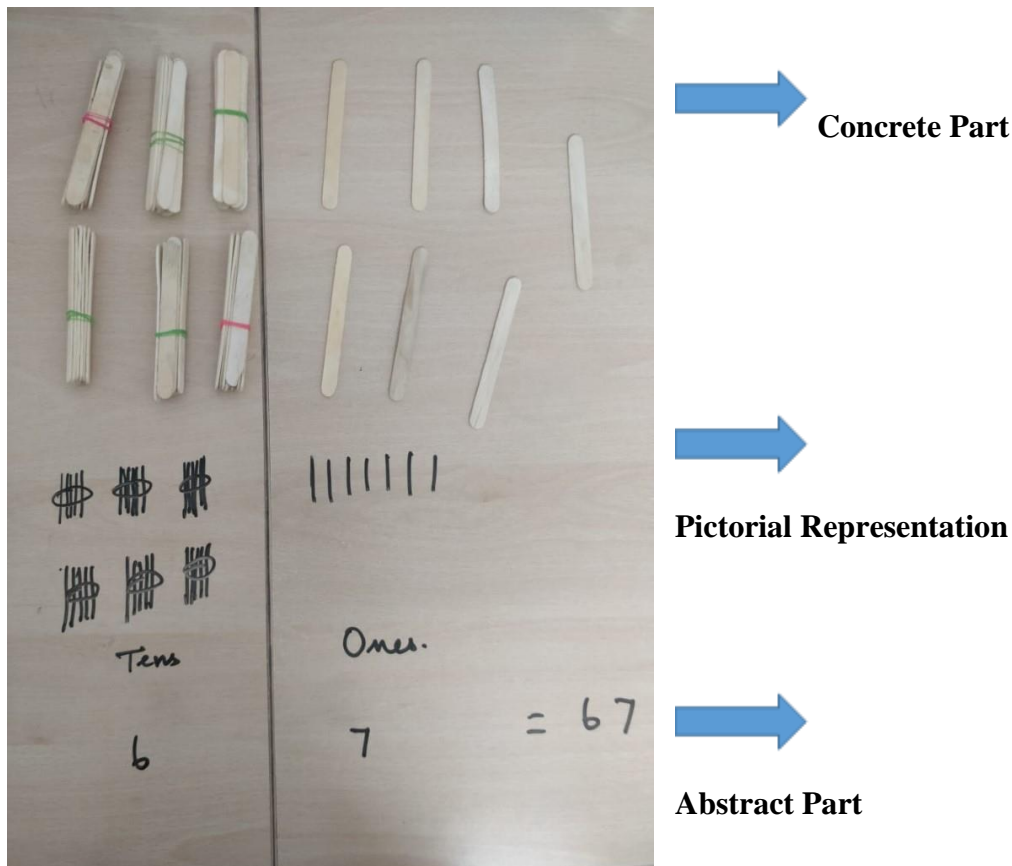
**Verbal Representation:**

- Help the students to verbally represent by asking probing questions. For example, you could ask questions like “*Can you say what you did to form the number 67?*”

- It is good to get responses from students in terms of tens and ones. For that to happen, ask the students to make sentences using words. For example, sentences such as “67 has 6 tens and 7 ones” should be used.

### Abstract Part:

- Here, students are expected to write down the above using numbers and symbols. For example, the students are expected to write 67 for 6 bundles and 7 single sticks.



### Continuous Assessment Questions:

For the continuous assessment, the teacher can observe the students to see whether they are counting and grouping the sticks correctly. The teacher could also observe and capture some important misconceptions that students make while counting. As for example, if the given number is 32, a student can count and take 23 as 2 tens and 3 ones instead of the number 32 (3 tens and 2 ones). This can be noted and addressed by the teacher.


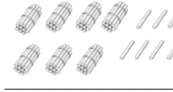


A part of the assessment can be done through the following questions:

1. If you have 6 bundles of ice-cream sticks and 7 single sticks, then how many ice-cream sticks do you have?
2. If there are 8 bundles, and if we have 9 single sticks, then how many ice-cream sticks do you have?

A part of the assessments can be done with the help of the following worksheets:





- WS1\_Stick to numbers.

Write the Numbers in the given blanks

	<table border="1"> <tr> <th>Tens</th> <th>Ones</th> </tr> <tr> <td></td> <td></td> </tr> </table>	Tens	Ones		
Tens	Ones				
<hr/>					
	<table border="1"> <tr> <th>Tens</th> <th>Ones</th> </tr> <tr> <td></td> <td></td> </tr> </table>	Tens	Ones		
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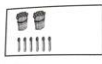
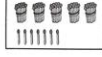



- WS2\_Missing sticks.

Draw the Missing sticks:

	<table border="1"> <tr> <th>Tens</th> <th>Ones</th> </tr> <tr> <td>1</td> <td>0</td> </tr> </table>	Tens	Ones	1	0
Tens	Ones				
1	0				
<hr/>					
	<table border="1"> <tr> <th>Tens</th> <th>Ones</th> </tr> <tr> <td>1</td> <td>5</td> </tr> </table>	Tens	Ones	1	5
Tens	Ones				
1	5				
<hr/>					
	<table border="1"> <tr> <th>Tens</th> <th>Ones</th> </tr> <tr> <td>1</td> <td>3</td> </tr> </table>	Tens	Ones	1	3
Tens	Ones				
1	3				
<hr/>					
	<table border="1"> <tr> <th>Tens</th> <th>Ones</th> </tr> <tr> <td>1</td> <td>0</td> </tr> </table>	Tens	Ones	1	0
Tens	Ones				
1	0				

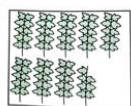
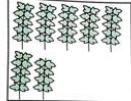
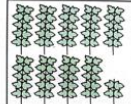
- WS3\_Count and write.

Count and Write:

	<b>26</b>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>
	<input type="text"/>






- WS4\_Count and write.

Count and Write:

	<b>87</b>
	<input type="text"/>
	<input type="text"/>

- WS5\_Count and circle the correct answer.

Count and circle the correct answer:

	65	<input checked="" type="radio"/> 56
	29	<input type="radio"/> 92
	31	<input type="radio"/> 13
	06	<input type="radio"/> 60
	34	<input type="radio"/> 43

- WS6\_Missing Numbers.

<input type="text"/>	11	13	15	17	20
<input type="text"/>	21	23	25	27	30
<input type="text"/>	31	33	35	37	40
<input type="text"/>	41	43	45	47	50
<input type="text"/>	51	53	55	57	60
<input type="text"/>	61	63	65	67	70
<input type="text"/>	71	73	75	77	80
<input type="text"/>	81	83	85	87	90