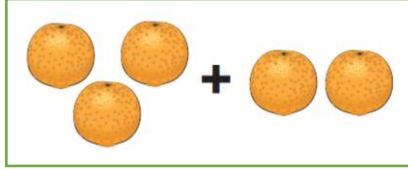


NATIONAL MATHEMATICS TEAM
GRADE 1 PLANNING TEMPLATE

NUMBER			
Topics/Objectives	Main Concept	Teaching/Learning Activities	Assessment/Homework Activities
<p>a. Create and write number sentences from story problems</p> <p>b. Complete mathematical sentences using addition and subtraction.</p> <p>c. Solve simple word problems, including the use of money.</p>	<ul style="list-style-type: none"> • Number sentences • Addition • Subtraction • Word problems • Money 	<p><u>Objective 1: Create and write number sentences from story problems</u></p> <p><i>Number Sentence Pop Up</i> Have students work in pairs. Give each pair of student two sets of cards containing number sentences (<i>see page 2 of the Resource document for sample Addition and Subtraction number sentence cards</i>).</p> <p>On pages 3 and 4 of <i>the Resource Document are sample Addition and Subtraction Word problems</i>. Instruct the students to listen as you read a ‘Story problem’ and have them draw a picture that corresponds with the story. For example:</p> <p>Teacher reads: <i>Mark has 3 oranges. He received 2 more. How many does he now have?</i></p>	<p><u>Objective 1: Create and write number sentences from story problems</u></p> <p><i>Math Story Authors</i> Have students complete the worksheet Math Story Authors (<i>See Page 5 of the Resource Document</i>). There, students will create a math story which they will record in the <i>My Math Story</i> section of the worksheet.</p> <p>They will then <i>draw images</i> related to their story – in the space provided. Then they <i>will develop a number sentence</i> which they will use to solve their task and finally they will <i>check</i> their work for errors.</p>

Student responds by drawing

Have students match their drawing with the number cards that were previously issued.

Students who have the appropriate number sentence that matches the story will “Pop Up” out of their seats.

Encourage students to explain their drawing and justify that their drawing and number sentence matches the Story problem that was read by the teacher.

Guided Questions

- 1. How did you know you were being asked to add/subtract?*
- 2. Could the number sentence be written any other way?*

		<p><u>Objective 2: Complete mathematical sentences using addition and subtraction.</u></p> <p><i>Missing Signs</i></p> <p>Prepare game cards <i>(See Page 8 of Resource Document for Sample)</i>. Have students play the “Missing Signs Game” <i>(See Page 7 and of Resource Document for Sample Game Board and Instructions)</i>.</p>	<p><u>Objective 2: Complete mathematical sentences using addition and subtraction</u></p> <p><i>Number Sentence War</i></p> <p>Have students work in pairs. Provide each pair with a deck of playing cards. Assign the “face cards” values. (Jack-0, Ace-1, King -10, Queen-11). Also provide the students with the Number Sentence War worksheet <i>(See page 6 of Resource Document)</i>.</p> <p>Students will shuffle the cards and place the deck face down. Students will take turns taking two cards at a time from the deck and using the numbers to complete the Number Sentence War worksheet by writing both addition and subtraction number sentences using the numbers on the cards. The student with the greatest number of correct number sentences wins the game</p>
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