


Mathematical development		Title : number 0	Day: 1	Class: Play group	
Learning Outcomes	Activity Plan / Methodology	Time 40 mins	Assessment of learning outcome/s (How)	Resources	
<p>By the end of this lesson, students will be able to</p> <ul style="list-style-type: none"> Identify number 0 Relate quantity with the number 	<p>Recap: Students will be asked to reinforced numbers from 0 to 10 while reading them through ppt/ flashcards. Show flashcards 1-9 and repeat numbers. We are learning to: Identify number 0. What I am looking for : How well you identify and count number 0 through different objects. Gained skill: It helps us to enhance our counting skills. Introduction: Place a flashcard of 0 on the whiteboard and write '0' above it. Say 'zero' and ask students to repeat it after you. On the board, write 0 again large enough for all students to see how it is written. Write it slowly and ask students to use their index fingers to follow the number as it is written to trace the number 0 in the air. Tell students 0 means nothing. Students will be shown number 0 song https://youtu.be/iTyK4MbCdGw Guided practice: Ask students to look around the classroom and see if they can identify any zeros. Students might find zeros in their textbooks, on notices on their</p>	<p>5mins</p> <p>10mins</p> <p>20 mins</p>	<p>Students will be assessed on Participation in group activities and understanding of the number '0' with quantity.</p>	<p>Ppt /flashcard</p> <p>Concrete objects / counters/ Ppt</p>	

	<p>bulletin board, on the clock, in the fan etc... Students will trace their fingers on big cutting of number 0.</p> <p>Focused task: Ask students to open book page 56. Ask them to move your finger on number 0 and say it aloud. Repeat number 0 again and again. Tell them there are two boys named asad and musa having 2 cookies in a plate. Asad ate one cookie and musa ate another cookie. Is there any cookie in plate now? It means there is 0 cookie in the plate. Provide students number 0 worksheet and crayons. Ask students to colour number 0.</p> <p>Wrap up: Students will be shown pencil in one hand and ask is there anything in my other hand?</p> <p>Reflection:</p>	5mins		<p>Book page 56</p> <p>Number 0 worksheet crayons</p>
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	<p>Put activity number card, play dough and blocks on the table. Ask students to say number 0, then make it with play dough. Demonstrate how to roll play dough into long ropes and how to form the number 0 like oval shape. Put only no block on the card.</p> <p>Note: Make activity number card on chart paper. Divide it in 3 columns. Say it, build it and count it.</p> <p>Focused task: Students will provide worksheet of different numbers and number 0 randomly spread. Ask them to circle the number 0</p> <p>Wrap up: Students will be asked to write number 0 in their palm.</p> <p>Reflection:</p>	<p>20mins</p> <p>5mins</p>		 <p>Worksheet</p>
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Mathematical development		Title: number 0	Day : 4	Class : Play group	
Learning Outcomes	Activity Plan / Methodology	Time 40 mins	Assessment of learning outcome/s (How)	Resources	
<p>By the end of this lesson, students will be able to</p> <ul style="list-style-type: none"> Identify number 0 Relate quantity with the number Trace number with correction 	<p>Recap: Students will be asked to reinforced numbers from 0 to 10 while reading them through ppt/flashcards. Show number 1-9 flashcards and repeat numbers.</p> <p>We are learning to: identify and count number 0.</p> <p>What I am looking for : How well you identify and count number 0 through different objects.</p> <p>Gained skill: It helps us to enhance our counting skills.</p> <p>Introduction: Show students a flashcard of 1 object. Ask students to identify and count the object. Point to the number 1 on top of the object and say '1'. Repeat this with flashcards of 2 to 9 objects/numbers. Hold up a flashcard of 0, showing zero objects. Ask students to draw 0 in the air with their index finger</p> <p>Guided Practice: Ask students how many of them wear spectacles. Count how many students raise their hands. Tell students '_____ students wear spectacles. Ask how many of them can drive. No students should raise their hands. Elicit that "0" can drive"</p> <p>Activity 1</p>	<p>5mins</p> <p>10 mins</p> <p>20mins</p>	<p>Students will be assessed on Participation in group activities and understanding of the number '0' with quantity.</p>	<p>Ppt</p> <p>Concrete objects / counters</p> <p>String Bowls Pasta</p>	

	<p>Give students the cutouts of two trees having number 0 and number 2, 3, or 4 and red play dough. Ask them make apples with play dough and put them on tree cutouts according to the number. In the end tell them the tree which has zero number have no apple.</p> <p>Activity 2 Teacher will ask the students write the number 0 on salt tray.</p> <p>Focused task: Ask students to open book page 59. Help students to connect number 0 in the coop grid and see what comes out. Help students to trace number 0 given at the bottom of the page. For tracing, explain to the students that it is clearly indicated exactly where they have to start tracing from.</p> <p>Wrap up: Show number 0 flashcard and ask its name.</p> <p>Reflection:</p>	<p>5mins</p>		<p>Salt tray</p> <p>Book page 59</p>
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Mathematical development		Title: number 0	Day : 5	Class : Play group	
Learning Outcomes	Activity Plan / Methodology	Time 40 mins	Assessment of learning outcome/s (How)	Resources	
<p>By the end of this lesson, students will be able to</p> <ul style="list-style-type: none"> Identify number 0 Relate quantity with the number Trace number with correction 	<p>Recap: Students will be asked to reinforced numbers from 0 to 10 while reading them through ppt/flashcards. Show number 0 flashcard and ask which number is this?</p> <p>We are learning to: Identify and count number 0.</p> <p>What I am looking for: How well you identify and count number 0 through different objects.</p> <p>Gained skill: It helps us to enhance our counting skills.</p> <p>Introduction: Paste number 0 on board. Divide the board into two columns. Display one drawing of basket with 4/5 apples in it and one basket with no apples on one side of the board and two number cards/magnetic 0 or 4/5 numbers on the other side. Ask student to tell which basket has 0 apples. Ask them to come and circle number 0.</p> <p>Guided Practice: Organize sand letter prior to tracing number '0' on the copy. Demonstrate how to trace the letter using the index and the middle finger. Ask them to trace it 2, 3 times. And say the number.</p> <p>Focused task: Ask students to open their copies. Trace number '0' on copy. Give them a set amount of time to complete the task and monitor their progress.</p> <p>Wrap up: Students will be shown flashcard and ask number.</p> <p>Reflection:</p> <p>Homework: Trace number '0' on copy.</p>	<p>3mins</p> <p>5mins</p> <p>30mins</p> <p>2mins</p>	<p>Students will be assessed on Participation in group activities and understanding of the number '0' with quantity.</p>	<p>Ppt</p> <p>Concrete objects / counters/ Ppt / Sand paper number</p> <p>Copy work</p>	