

CALCULATING AND COUNTING RHYMES

Teaching notes

Lesson 2: SOLVING PROBLEMS

12th session: Comparing quantities

AIMS	<ul style="list-style-type: none"> ● To compare two groups of objects , saying when they have equal numbers. ● To use language such as 'more than' or 'less than' to compare two quantities. ● To begin to use the vocabulary involved in addition and subtraction calculations in practical activities. ● To work on social skills.
RESOURCES	<ul style="list-style-type: none"> - A computer and a data projector for the power point presentation. - A smart board. - Dice, bowls and pebbles or similar. - Supplementary material: (where_are_there_more_ppt) (where_are_there_more_smartboard)
GROUPING	<ul style="list-style-type: none"> - Half of the group.
DESCRIPTION OF THE ACTIVITIES	<p>1st activity: Game: Match the dice</p> <p>Give each child a bowl and ask them to collect two pebbles from the central tray. They roll a die and need to match the number of pebbles in their bowls with the number they have rolled.</p> <p>For example,</p> <ul style="list-style-type: none"> -A child rolls a five, then, he/she has to take three pebbles from the middle to add to his/her bowl to match the die. - A child rolls a one, then he/she has to return one pebble to the tray to match the die. <p>Ask these questions of the children to help them to</p>

	<p>verbalise the mental operation:</p> <ul style="list-style-type: none"> - Which number have you rolled? - Where are there more, on the bowl or on the die? - Do you need to add some in your bowl or take some away to match the die? How many? <p>2nd activity:</p> <p>Counting and comparing how many each holds? (where_are_there_more_ppt) (where_are_there_more_smartboard)</p> <p>Watch the power point presentation and do the same mathematical mental work as in the previous game. Use the smart board to allow the children to make up their own groups of items.</p>
LANGUAGE	<p><i>Key vocabulary:</i></p> <ul style="list-style-type: none"> - Numbers 0-10. - Bowl, die, dice, pebbles. <p><i>Key phrases needed: _</i></p> <ul style="list-style-type: none"> - Which number have you rolled? - Where are there more, on the bowl or on the die? - Do you need to add some in your bowl or take some away to match the dice? How many?
SKILLS	<p>Listening and speaking. Mental calculation and social skills.</p>