

Lesson Plan 2
Preparatory
(Sample Copy) Number Bonds

1.0 Objectives:

By the end of the lesson, your child should be able to:

- recognize parts and whole of a number bond; and
- manipulate parts to form a whole.

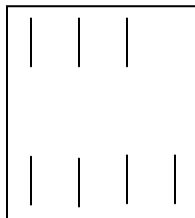
2.0 Getting Started:

- Use manipulatives like coloured ice-cream sticks.
(These can be bought at bookstores and could be used many times for other lessons to come.)
- Take 5 ice-cream sticks and show your child how to break it up e.g. split the group of ice-cream sticks into 2 and 3.
- Get your child to break up the ice-cream sticks in various ways e.g. 4 and 1 or 5 and 0 combinations.
- Do the same with varying numbers of sticks from 3 to 10.

3.0 Teaching Points:

3.1 Activity One:

- Using the same strategy as above, accompany the ice-cream sticks with paper and pencil.
- Get your child to break up a group of seven sticks.
- Arrange the sticks as shown below.

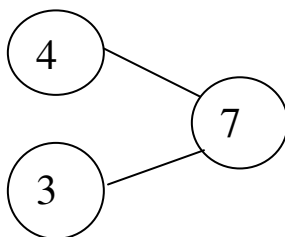
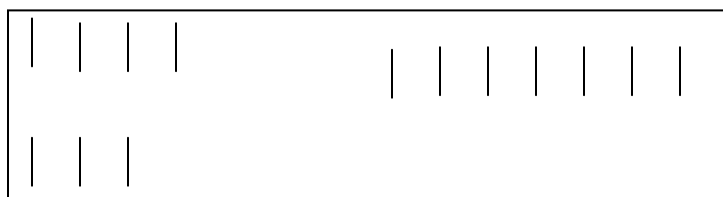


- Get your child to count and then write the numbers on a piece of paper.
- Lead him/her to write the numbers the way the sticks are arranged, as shown below and draw a circle around each number:

3

4

- Get your child to count out another set of three and four sticks and place them next to the sticks he/she had set out earlier.
- Get him/her to count how many sticks there are in all and then write out the number on paper, in the same way the sticks are arranged.
- In the end, this is what he/she should see:



- Explain to your child that the two smaller numbers are the **'parts'** that make the big number, that is the **'whole'**.
- Do the same with various numbers and combinations.

3.2 Activity Two:

- Provide lots of practice for your child to do the above before moving on to the next activity.
- In this activity, write down some number bonds.
- Cover the whole number and get your child to count and check to see if his/her answers are correct.
- Repeat the activity by covering the parts.
- Once your child is confident, move on to Activity Three.