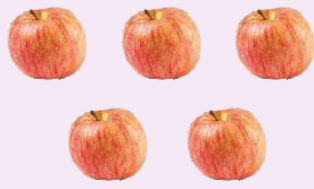




Teaching of Number '5' Using the CPA Approach

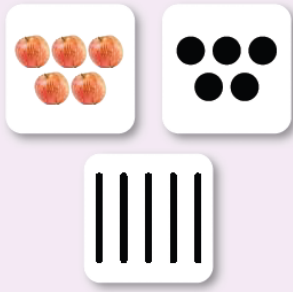
The CPA approach helps children to learn about the numeracy concept and skill by moving from using concrete and familiar materials to pictorial representations of concrete objects before progressing to using abstract symbolic representations. The example below illustrates the teaching of number '5' using the CPA approach:

Concrete




- Model counting using concrete or real objects.
- Have children count the objects by touching and moving them one at a time from one place to another as they count them (e.g., from one tray to another tray) to help them keep track of the counted and uncounted objects.
- Provide other counting experiences, such as counting objects that are at a distance where children can see but cannot touch them and counting objects from the sound they make when dropped into a tin.

Pictorial



- Model counting objects represented in a pictorial form after children have developed a full understanding of counting reliably at the concrete phase.
- Provide opportunities for children to draw pictures or make marks of the objects counted.
- Provide further opportunities for counting at the pictorial phase by using other visual representations, such as dots or tallies where children can touch but not move them.

Abstract



- Use symbols or words, such as numerals or number words to represent the number of objects counted at the concrete and pictorial phases.