

FOR TEACHERS

Content: Functional understanding of zero.

Materials required: Trays, counters and numeral cards (0–9).

How to conduct:

At the beginning of the activity, give each student a tray/basket/box each of numeral cards (0–9).

Learning outcome: Children understand the concept of zero.

ACTIVITY

The bird has laid some eggs in her nest. Show the numeral card matching with the number of eggs.



One egg has hatched. Show the numeral card matching with the number of eggs.

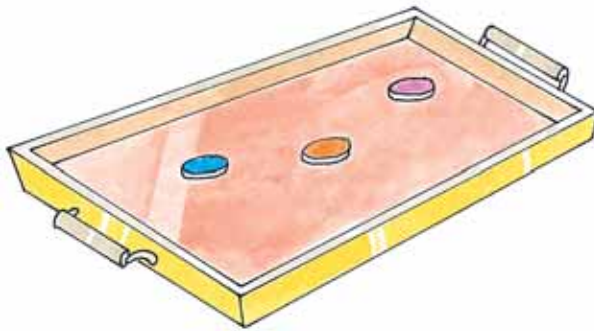
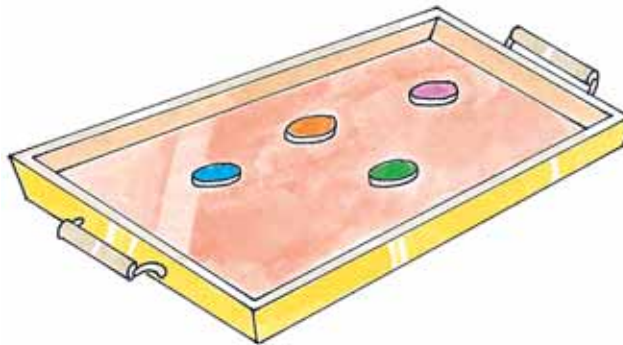
One more egg has hatched. How many eggs are left? Show the matching numeral card.



Another egg has hatched into a chick. How many eggs are there in the nest now?
Show the matching numeral card.

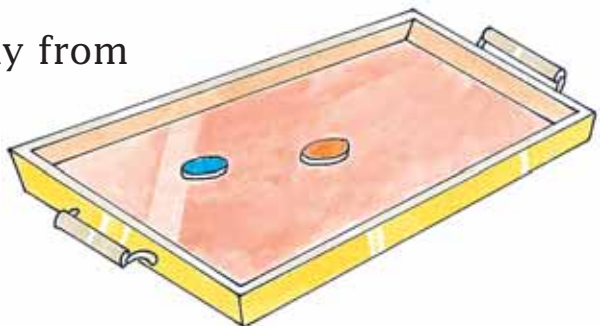


1. See the tray of counters. Show the matching numeral card.

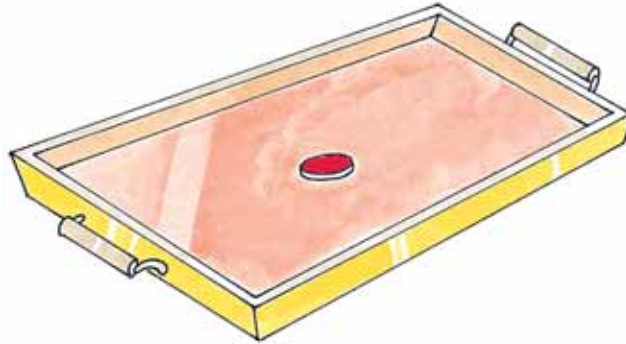


2. One counter is taken away from the tray. Show the matching numeral card.

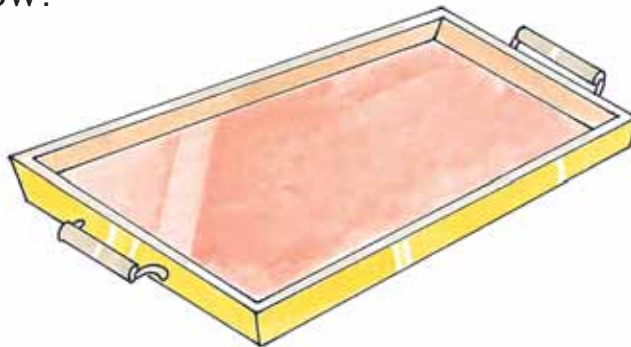
3. Another counter is taken away from the tray. Show the matching numeral card.



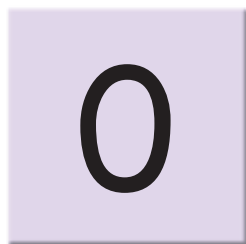
4. One more counter is taken away. Now show the matching numeral card.



5. One more is taken away from the tray. Which numeral card will you show now?



We see that the tray is empty. The matching numeral card for the empty tray is:



For teachers:

- Carry out more such activities by showing different number of counters in the tray and thus lead the children to the concept of zero.
- Make the activity interesting by asking them to take out all the items from their pencil boxes one by one or by asking them to take out all the books from the bag one by one. This will make the box or the bag empty which corresponds to zero.