# DELHI PUBLIC SCHOOL, SRINAGAR
Detailed Planner of Mathematics (Oct-Nov) 2015
## CLASS: LKG

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| **Classes Required** | 5-7 classes (45 minutes each class) |
| **Topic** | • Concept of Zero (0). <br> • Comparison (Quantity) <br> • Number Relation (Next Number) |
| **Concept and Skills** | • To give the number sense of Zero (0) to children. <br> • To show them comparison and relation of numbers. |
| **Learning Outcomes** | Children will get the number sense of Zero (0). <br> Children will understand the relation and comparison of numbers. |
| **Instructional Tools & References** | Number Cards, Bowls, Number Dice, Plastic Beads, Blocks and Number Mat. |
| **Pedagogy** | Concept of Zero (0). **Activity based.** <br> Comparison (Quantity) **Activity based.** <br> Number Relation (Next Number) **Activity based.** |
| **Activity / Assignment / Research** | **Activity: Concept of Zero (0).** <br> The concept of Zero (0) will be introduced through the Dice game (using the Dice with no dots on one side). A child will throw the dice and he is supposed to hop / jump/ clap/ mews/ bows etc. as many times as number on the dice. When a child gets no dot the concept will be developed that no dot means Zero (0) which means nothing. This activity will be repeated so many times in the class so that the concept will be cleared to each and every child. <br> One more Activity for Zero (0) concept will be two bowls one empty and one filled with some blocks / beads. Child has to count the beads in the bowl and comparing it to the other bowl which is empty. <br> **Activity: Comparison (Quantity).** <br> The children will count groups of objects to determine which group has greater or lesser objects <br> **Activity: Number relation (Hop on the number that comes next).** <br> The teacher will make children to perform activity on number mat in the class. The teacher will ask child to hop on the number like what number comes after 1, here the child will hop number 2. |
| **Informal Assessment** | 1. Sense of number Zero (0). <br> 2. Comparing numbers <br> 3. Number relation. |