Detailed planning (horizontal) for class UKG

Session 2015-2016

Subject:Mathematics

For cycle 1	Concepts & skills	Learning outcome	Instructional tools	Pedagogy	Activity/Assignment/Projects	Informal Assessment
March Pre-number Concepts(8)	Awareness of size andshapes of different objects and their positions	Understanding pre-number concepts. Development of power of thinking and reasoning.	Items available within the classroom, school campus, white board.	Concept Formation Random Questioning	Let us explore Teacher will take students in garden and will show different things like trees, mountains, slides and buses etc.Then they will be told to identify the things that they see around them. Teacher will help them to differentiate things according to their shape and size eg small tree-big tree ,short building – tall building etc.	Nature walk Worksheets
Numbers 1-20 (04)	Number formation Number sequence Number recognition	Recognition of numbers. Able to write numbers	Chart paper Marker	Hands on practice Explanation	Number '1' will be displayed on the chart paper and children will be asked which number comes next. The child with the card written number '2' will get it and place it next to the number'1'.Then next child will get number '3' and place it next	Worksheet Activity

| Count and write (06) | Bringing things together

Number sense | Development relation between number and quantity. | Flash cards | Reinforcement | to '2'.In the same manner the children will complete the chart of numbers from 1-20.

Sequencing the numbers(Paste the next)

Flash cards and beads will be distributed among children. Then they will be told to pick up the same number of beads as given on their flash cards and put them in a given box. Same activity will be performed with other children till their concept of number and quantity will be cleared.

Flash Activity(Pick the same) | Worksheet

Counting beads |