



Curriculum Newsletter  
Summer 2011  
**Numbers and patterns**



For the first three weeks after the half term, we will be focusing on numbers and patterns and will be involved in mathematical activities and games through out the nursery: developing skills in counting, looking at and creating patterns, calculating and measuring. Some of the activities we have initially planned include:

- Playing skittles in the garden - counting how many we have knocked down and recording our score on a blackboard.
- Investigating capacity in the water tray - for example: finding out how many cups a toy teapot can fill and comparing it to how many cups a plastic jug can fill. We will also be using language such as full, half full, empty and nearly full.
- Creating repeating patterns through art work in the paint area.
- Playing board games such as snails pace and number lotto.

Our curriculum focus is on helping children to develop knowledge, skills and concepts in Problem Solving, Reasoning and Numeracy . This will include 3 curriculum areas:

- Numbers as Labels and for Counting -
  - ❖ This is about how children gradually know and use numbers and counting in play, and eventually recognise and use numbers reliably, to develop mathematical ideas and to solve problems.
- Calculating -
  - ❖ This is about how children develop an awareness of the relationship between numbers and amounts and know that numbers can be combined to be 'added together' and can be separated by 'taking away' and that two or more amounts can be compared.
- Shape, Space and Measures -
  - ❖ This is about how through talking about shapes and quantities, and developing appropriate vocabulary, children use their knowledge to develop ideas and to solve mathematical problems.

As always we welcome parents into nursery. During these weeks you can particularly help by coming in and playing maths games with children during the session. This could be anything from playing a board game, to helping children record their score when kicking balls at a goal in the garden. Just come and ask a member of staff if you can help in this way.

The weekly planning is displayed on boards in the classroom. As always, the staff are happy to answer any questions you may have.