

Early Numeracy

Becky Jeffery



Objectives

- To present how numeracy is taught within school.
- To understand the stages of numeracy development and common misconceptions.
- To provide ideas of how to help your child at home.



Numeracy In School

- How often is numeracy taught?
- Structured teaching.
- Using spontaneous opportunities.



Early Years – 40-60months

- Count objects to 10, and beginning to count beyond 10;
- Select the correct numeral to represent 1-10 objects;
- Count an irregular arrangement of up to 10 objects;
- Use language of more and fewer to compare two sets of objects;
- Find the total number of items in two groups by counting all of them;
- Find one more and one less from a group of up to 10 objects;
- In practical activities begin to use the language of addition and subtraction;
- Record using marks they can interpret and explain.

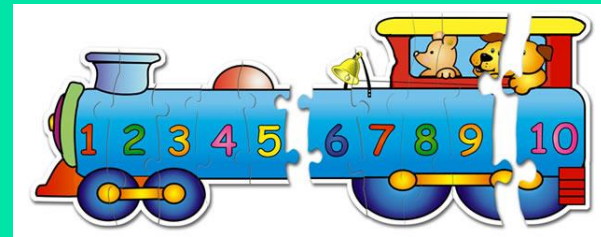
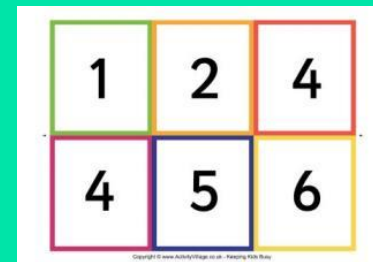


Early Years – Early Learning Goal

- Children count reliably with numbers from 1-20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer. They solve problems including doubling.

Resources

- Number washing line
- Number cards with cubes
- Number puzzles
- Numicon
- Multilink





Using ICT

- <http://www.ictgames.com/resources.html>
- https://www.klz.org.uk/collaboration/authority/flashgames/FlashGames/games/maths_menu.swf
- <http://www.crickweb.co.uk/Early-Years.html>



Number Around Us

- Where do we see and use numbers everyday?
- Activities linked to these experiences.
- Opportunities to embed numeracy into play.



Wider Curriculum

- Colours.
- Problem Solving.
- Time.
- Shape and Space.
- Measure, Capacity and Weight.
- Patterns.