

Developing Skills in Numeracy for Early Years

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What are the Numeracy Skills?

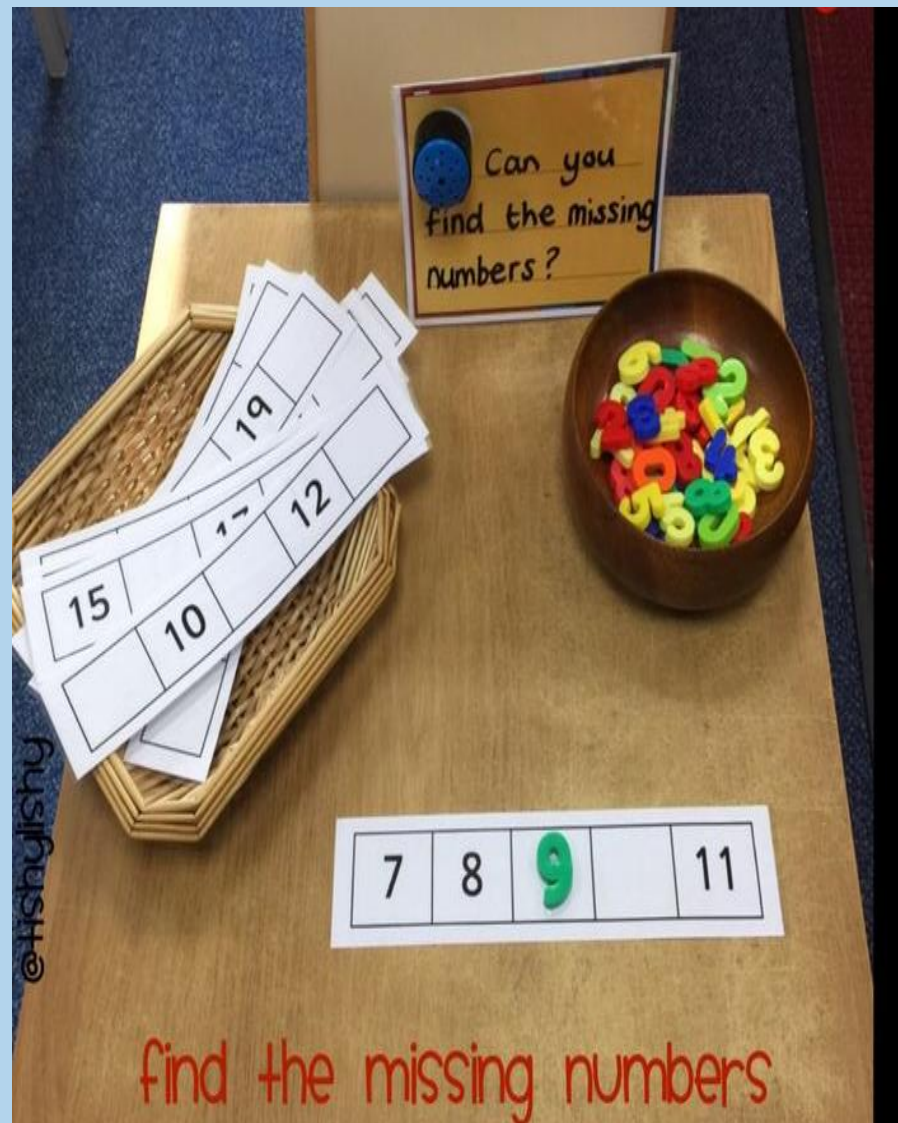
1). Numbers

**2). Shape, space and
measure**

1). Numbers

- **Children count reliably with numbers from one to 20, (forwards and backwards).**
- **Recognize numbers.**
- **Place numbers in order and say which number is one more or one less than a given number.**
- **Add and subtract two single-digit numbers and count on or back to find the answer.**
- **In practical activities and discussion, beginning to use the vocabulary involved in Numeracy i.e. adding. I have one red and one green pencil which is a total of ?**

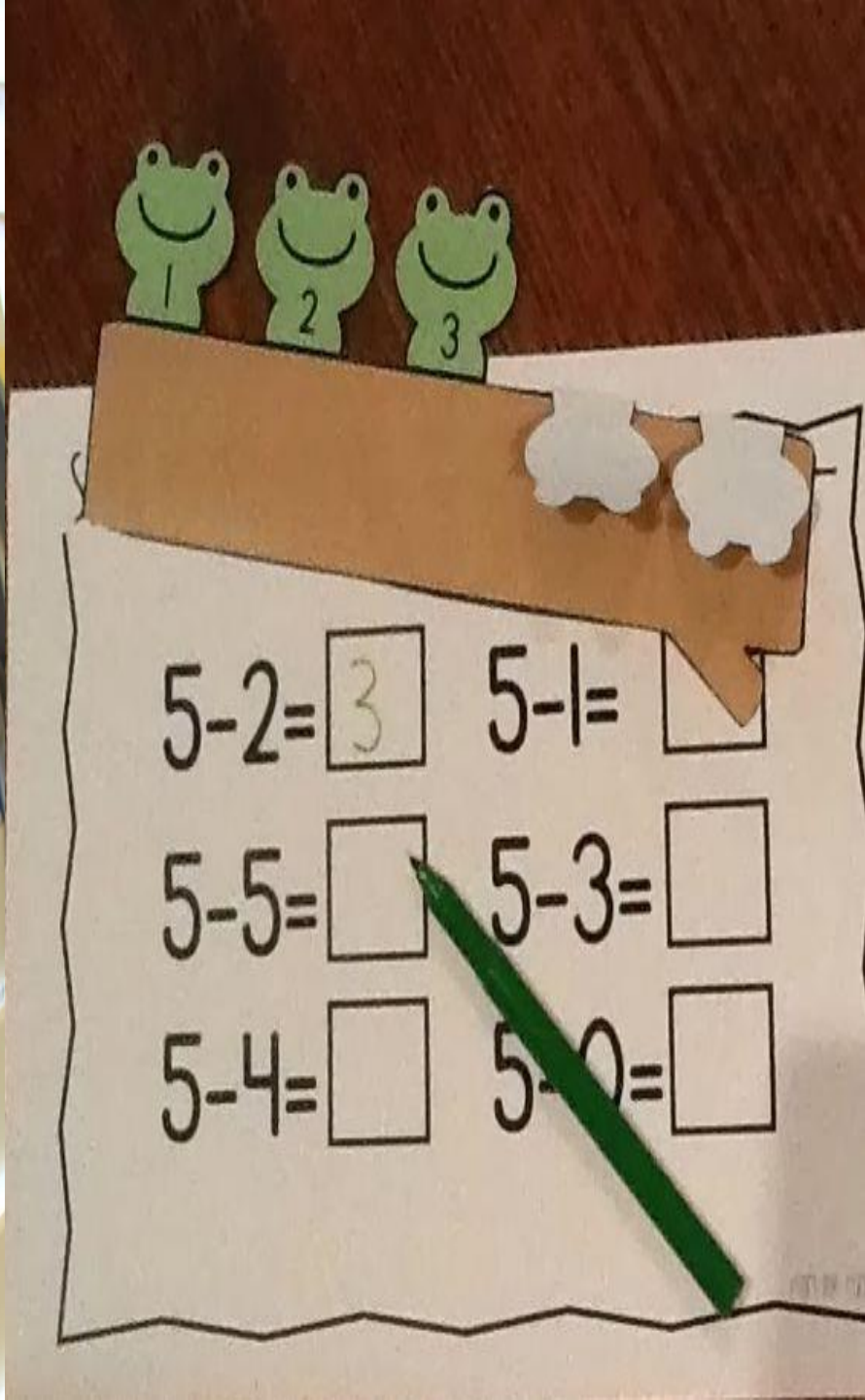
Children achieve Number Skills through various tasks:





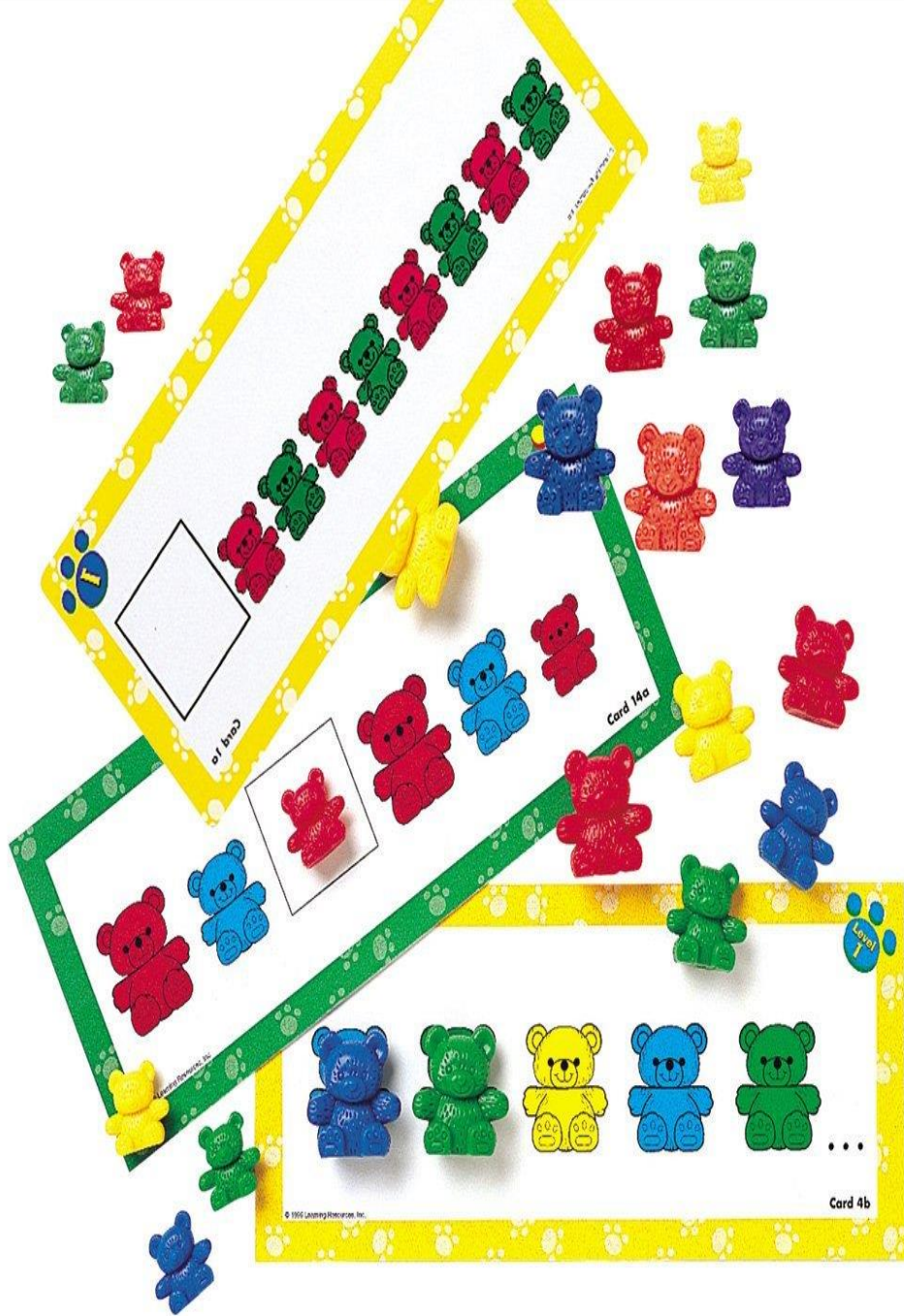
Rachel (M)





2). Shape, Space and Measure

- **Children use everyday language to talk about size, weight, position, time etc .i.e heavy/light**
- **They recognize, create and describe patterns. i.e. animal pattern-zebra-AB pattern.**
- **They explore characteristics of everyday objects and shapes.-
Shape Hunt around school/class**
- **They use mathematical language to describe them-corners, sides, flat, 3D etc.**



Look how tall I am!



How can you help at home as a parent?

- **Incorporate mathematical language into everyday life- i.e. Can you bring me 3 spoons please?**
- **Also During play , Incorporate mathematical language (treasure hunts, obstacle courses, building huts) - "under", "over", "between", "around", "behind", "up", "down", "heavy", "light", "round", "left" and "right", "square", "triangle“.**
- **Use Online mathematical games-[ictgames,education.com](http://ictgames.com)**
- **Play mathematical songs/videos-numberjacks**

Helping at home

- **Play with big cardboard boxes using words like "inside", "outside"**
- **Play games and do puzzles; eg jigsaws, "I spy something that is longer, bigger, smaller than..."**
- **Do water play using different shaped containers and measuring cups**
- **Bake – talk to your child about the recipe/ingredients and how many pieces you need to feed everyone**