

Numeracy

Link to Subitising Cards pdf

Link to Numeral Flash Cards pdf

Link to Create your own dice pdf

“Numeracy is the capacity, confidence and disposition to use mathematics in daily life ... Children bring new mathematical understandings through engaging in problem solving. Spatial sense, structure and pattern, number, measurement, data argumentation, connections and exploring the world mathematically are the powerful mathematical ideas children need to become numerate.” (Early Years Learning Framework 2009)

At Mawson Lakes Preschool children participate in a range of numeracy learning experiences both indoors and outdoor. The children also take part in numeracy small groups where we focus on a range of skills to strengthen and develop skills and knowledge of numerals, counting, subitising (the ability to immediately know how many items in a group without having to count), sorting collections, comparing quantities, using numbers in play, matching, patterning and visual sequencing. We support the development of numeracy skills through a range of play-based experiences including songs games and stories.

During small groups we focus on a range of skills including the 4 top 5 strategy created by Ann Baker. The 4 top 5 looks a range of skills including

1st Top 5

- I can find two that look the same. Sort a collection
- I can match two dot cards that look the same
- I can act out a rhyme
- I can use numbers in play
- I can subitise 1 2 3

2nd Top 5

- I can ask questions
- I can subitise 4-6
- I can rote count to 10
- I can touch count collections
- I can interact with a counting book

3rd Top 5

- I can understand first and last
- I can find quantities to 3
- I can find quantities to 6
- I can compare quantities – more
- I can follow rhymes that break the counting sequence

4th Top 5

- I can put my subitising cards in sequence
- I can compare quantities – less
- I can play a number games – memory/bingo
- I can subitise non-standard dice patterns
- I can work with doubles

When engaging with numbers it is important to keep it fun and play based for young children and use every day experiences. For example:

- ☆ Using dice that have numbers and dots to help your child recognise numbers and amounts. Ask your child, "How many dots are on the dice?"
- ☆ When going on a walk ask your child, "What numbers do they see" Talk about house numbers, car number plates and street signs.
- ☆ Talk about the numbers on everyday items such as clocks and phones.
- ☆ Count when you do jobs or chores around the house.
- ☆ Cook simple recipes together and ask your child to count out the ingredients.

- ☆ Count with your child the number of buttons as they get dressed in the morning.
- ☆ Ask your child to count how many items are in their lunch box or on their plate.
- ☆ Count everyday items such as cars, houses, shoes and bags.
- ☆ Play action games – ask you children to roll the dice and act out a different action corresponding to the number on the dice
- ☆ Play memory or snap with the subitsing or numeral cards
- ☆ Read and share stories. Talk about counting, amounts, and the numbers you see in a book. Below are some great counting stories to get you started
 - Counting with Tiny Cat – Viviane Schwarz.
 - Five Little Ducks – Penny Ives.
 - One is a Snail, Ten is a Crab – April Pulley Sayre and Jeff Sayre
 - One Woolly Wombat – Kerry Argent
 - Ten Little Dinosaurs – Mike Brownlow

Below are some ideas to help explore different Mathematical concepts

Link to
Measurement ideas
pdf

Link to Number
Ideas pdf

Link to Organising
Data pdf

Link to Place and
Space pdf

Other helpful resources

https://www.education.sa.gov.au/our-learning-sa/prior-to-school?field_filter_level_1_tid=15251