

## Indicators to build a strong foundation in numeracy

Measuring and comparing my world

Analysing and organising the data in my world

Exploring and understanding  
my place and space in the world

Quantifying my world

## Processes involved in the development of numeracy competencies

Sorting	Visualising
Communication	Comparing
Noticing	Generalising
Patterning	Reasoning
Wondering	



## Our Ethos

At Grove Kindergarten numeracy learning is integrated across the curriculum that seeks to acknowledge a great start, establish strong foundations and develop powerful learners.

# Building Blocks to Numeracy

*Becoming a  
Mathematician*



Government of South Australia  
Department for Education and  
Child Development

**Grove Kindergarten**  
An integrated approach to Education and Care

# What is numeracy?

**Numeracy is the ability to access, use, interpret and communicate mathematical information and ideas, in order to engage in and manage the mathematical demands of a range of situations in adult life.**  
(OECD, 2012)

The capacity, confidence and disposition to use mathematics in daily life. Children bring new mathematical understandings through engaging in problem solving. It is essential that the mathematical ideas with young children interact with are relevant and meaningful in the context of their current lives.

Spatial sense, structure and pattern, number, measurement, data augmentation, connections and exploring the world mathematically are the powerful ideas that children need to become numerate.

Children become numerate as they develop the knowledge and skills to use mathematics confidently across all learning areas and in their lives more broadly.

## How can you help your child develop the foundations of numeracy?

Give numeracy concepts a purpose that makes them real. Demonstrate your own use of numeracy daily:

- > Counting
- > Measuring while cooking
- > Looking for numbers in the environment
- > At bath time
- > Out in the car

Give the tasks that you do a voice so children develop language of numeracy

Children will quickly learn the correct numeracy language to support their learning and understanding.

Problem solve with your child and work out the best way of finding a solution.

Children need opportunities to problem solve, make mistakes and explore different ways to reach a solution.

Feeling good about numeracy and remember we all use it everyday in everything we do.

[www.greatstart.sa.edu.au](http://www.greatstart.sa.edu.au)



Children are more likely to feel good about their own numeracy development if they see that it is valued and important in their day to day lives.

Young children build their numeracy understandings through authentic experiences with and in nature and the natural world around them.

