# Welcome to Nursery Parent Workshop

# Specific Area: Mathematics

- Noticing and the importance of talk.
- Subitising
- Ideas for home

### Noticing Skills

Ask 'What do you see?' instead of 'How many?'

By asking 'What do you see?' we open doors to their unique perspectives and unlock a world of creativity and critical thinking.



# Subitising

Noticing is a crucial skill for developing mathematical thinking in early years, and subitising is a great way to practice this skill.



## Maths Talk @ Home

Begin by simply noticing what's changing around you. Encourage children to observe the world around them and ask questions.

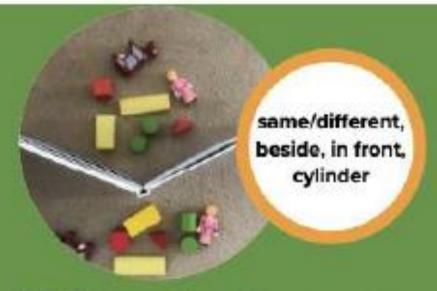
Ask 'What do you see/notice?' instead of 'How many?'

Mathematical language is all around children:

bigger, smaller, shorter, taller, greater than, less than, more, fewer, full, empty, same, different, equal to, beside, above, below, heavy, light, same, different.

Using a variety of vocabulary helps children to develop understanding and have a widen range of language and gain more confidence in the process.

### **Encourage Spatial Reasoning**



#### Hiding or barrier games

Developing visualisation, prediction and spatial language



#### Maps and models

Developing navigation and understanding of scale by using and creating simple maps and models



#### Small world play

Exploring relative position, distances and transformation (turning and flipping objects)



#### **Puzzles**

Understanding fit, composition and decomposition, through visualisation and discussion



#### Pattern making

Exploring symmetry (reflection)



#### Construction

Building constructions with arches and enclosures (perhaps linked to a story)





### Other ideas for helping support maths at home

Noticing in nature



**Baking** 



Puzzles



Playing Board Games



Shopping



Construction, Role Play and Small World toys



