

## WHAT ARE THE MANY SKILLS THAT CHILDREN CAN LEARN FROM PLAYING MATHS GAMES?

- **Sharing and turn taking**
- **Working as a team**
- **Problem solving**
- **Reasoning skills** - planning ahead and predicting outcomes
- **Language skills**
- The ability to **follow instructions**
- Learning about winning and losing

### SNAKES AND LADDERS

- Snakes and ladders is a great game to learn about subitising using a dice.
- Children move forwards and backwards along a number grid while counting.
- You could make your own "snakes and ladders" game. It could be any design.
- As your child becomes more confident they will start to predict what number they need to roll in order to win!

### BUNNY EARS

- Say a number from 1-10 and encourage your child to represent this on their fingers. Challenge them to hold their fingers on top of their head to "prove it". Can they show you in a different way?

### DOTZI

- This game helps children to develop the skill of **subitising** (the process of immediately **knowing how many objects are in a small group** without needing to count them)
- Decide on a number 1-6. Roll 10 dice. Take away the dice which show the target number. Keep rolling until all dice show the chosen number.

### TOP TRUMPS

- Look out for Top Trump sets with smaller numbers as a good starting point.
- This game helps children to understand the magnitude of numbers in comparison to each other.
- Help your child to make their own set of Top Trump cards linked to their interests.

## 5 OR 10 LOVELY THINGS

- Each player has **5 or 10 lovely things in a bowl**, (e.g. buttons, feathers, pom poms, gems) takes it in turns to roll the die and give that many items to the person on their right. The winner is the player who ends up with the most amount of lovely things in their bowl.
- This game develops your child's **understanding of more/less and addition**.

## DOMINOES

- Another great game for helping children to be able to **subitise numbers**.
- Encourage children to **match numerals cards** to the number representation on the domino
- Leave out a range of resources such as buttons, googly eyes and pom poms and encourage your child to match and count the resources to the dots on the dominoes
- **Talk about and predict** which dominoes have the most or the least amount of dots on them

Some additional maths videos and games to continue your learning journey.

How to teach number bonds with Dr Yeap

What is a bar model in Maths learning with Dr Yeap

Maths game, Race to 20 (number bonds)

Maths game. Race to 100