

**Top Tip:** Visit the NRICH maths website for more ideas of games and activities:

<https://nrich.maths.org/13778>

## Maths

### Key Skills to Teach and Practise

**Top Tip 2:** Encourage your child to use the language of 'greater', 'greatest', 'smaller', 'less', 'least', 'more', 'fewer' etc.

#### Key Skills:

- Count forward and backwards 0-20.
- Read and write numbers 0 - 10 in digits and words.
- Order numbers 0 - 10 from smallest to greatest.
- Represent and identify numbers 0 - 10 using pictures and concrete objects.
- Compare numbers within 10 using 'smaller', 'greater', 'greatest' etc.
- Find one more and one less than a number within 10.

#### Preparation:

- Print out/ make number cards 0 - 10
- Print out/ make ten frames.
- Print out/ make a number line 0 - 10.
- Gather any of these items you have at home:
  - o Pasta
  - o Raisins
  - o Dice
  - o Dominos
  - o Lego



#### Activities:

- Practise counting forwards and backwards using songs.
- Jumble up the number cards and invite your child to order them from 0 - 10.
- Swap two number cards around and ask your child to spot the mistake.
- Roll a die and make the number on a ten frame (using small objects like pasta or raisins). Roll the die again and make the second number. Which is greater? Which is smaller?
- Pick a number card (or domino). Find the number on the number line. What is one more/ one less?
- How many different ways can you represent a number?
- Play 'guess my number': think of a number and give a clue, e.g. 'my number is greater than 5 and smaller than 7'. Your child can ask questions too. Swap.
- Pick three number cards (e.g. 3, 6, 8) and ask your child to make the numbers using concrete objects. Can your child order them from smallest to greatest?

#### Links and Resources:

Counting forwards to 20 song: <https://www.youtube.com/watch?v=By2hmo323xM>

Counting backwards from 20: [https://www.youtube.com/watch?v=srPktd4k\\_O8](https://www.youtube.com/watch?v=srPktd4k_O8)

Caterpillar Number Ordering Game (Select '1-10'): <https://www.topmarks.co.uk/ordering-and-sequencing/caterpillar-ordering>

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