

# Maths at home

Below are a list of game ideas or activities you can play with your children to keep maths real, fun and motivating for them. Enjoy!

- Play 'I'm thinking of a number.../ shape...'
- Estimate, addition, multiplication, percentages when shopping
- Set the table for dinner
- Follow a recipe
- Set your child in charge of timings for the day
- Be directed and give directions!
- Dice games – see <https://www.oxfordowl.co.uk/for-home/maths-owl/expert-help--2/fun-maths-at-home> for videos of these games being explained and played.
- Dicey Decision (see over the page)
- Games with playing cards – see <https://www.oxfordowl.co.uk/for-home/maths-owl/expert-help--2/fun-maths-at-home> for videos of these games being explained and played.
- Keep a weather diary and record temperature changes – look for the difference each day, think about what these numbers mean and what they feel like, can you spot a pattern, can you predict tomorrow's temperature?
- Looks for shapes and patterns in the environment.
- Maths games, e.g. Connect 4, Uno, Jenga, dominoes, Chess, Sudoku, Pass the Pigs, Top Trumps, Monopoly, jigsaw puzzles,
  - Orchard toys
- Maths books, e.g. One is a snail, ten is a crab; How big is a million, 365 Penguins, The great pet sale; The doorbell rang.

Ask children to explain mathematical words they are using or to explain their thinking, especially when they are problem solving. Can they explain their thinking and reasoning to a sibling or you?

Ask children questions or give them prompts to boost their mathematical learning, e.g. 'What do you think...?' 'Why ...?' 'What will happen if...?' 'What do you notice about...?' 'Can you see a pattern between...?' 'What if we try...?'

<https://www.nationalnumeracy.org.uk/> is a fantastic website for support and ideas, especially the family maths toolkit - <http://www.familymathstoolkit.org.uk/>