

# St. James' Catholic Primary School









**A guide to helping your child  
with Maths at home**

The best way to help your child at home is to create a positive attitude towards Maths.

- Make it a fun and enjoyable experience for both of you.
- Show them how Maths is relevant in real life.
- Don't overdo it.
- Avoid sharing any of your own anxieties about Maths as this may rub off!

These are areas that you can practise at home in a fun way, providing real-life experiences of Maths:

<p>Money - When visiting shops, give your child a cash budget to spend instore.</p> 	<p>Measures – Bake and cook together, encouraging your child to follow recipes and measure out ingredients.</p> 
<p>Statistics – When travelling, share bus and train timetables to plan your route together</p> 	<p>Developing number sense and logic skills – play board games.</p> 
<p>Time – buy your child a watch or clock and work on reading the time together. Provide set times that events in the day are going to occur or give until a set time to play on devices.</p> 	<p>Watch Numberblocks on BBC iplayer.</p> 

## Times tables

Your child should be able to rapidly recall all times tables facts up to  $12 \times 12$  by the end of Year 4 and has a huge impact on their future Maths learning.

Here is a breakdown of what your child should know at the end of each year group:

- Year 1: be able to rote count in steps of 2, 5 and 10.
- Year 2: rapidly recall 2, 5 and 10 times tables and corresponding division facts.
- Year 3: rapidly recall 3, 4 and 8 times tables and corresponding division facts.
- Year 4: rapidly recall 6, 7, 9, 11 and 12 times tables and corresponding division facts.

### Times tables songs

All the Numberblocks songs are great for introducing times tables and giving a visual representation of what times tables are.

On your class page on the school website are also the age-related times tables songs that we use in class.

### Online games

**Times Tables Rockstars** – Your child should have their own login for this. Ask your class teacher if you have not yet received this or need a new copy of the login details.

**Hit the button** - <https://www.topmarks.co.uk/maths-games/hit-the-button>

### Multiplication fact triangles

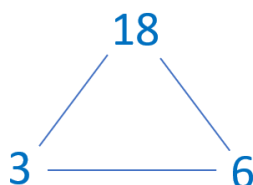
Below is a great way of displaying times tables facts that we use in class. From this representation the children can work out:

$$3 \times 6 = 18$$

$$6 \times 3 = 18$$

$$18 \div 6 = 3$$

$$18 \div 3 = 6$$



## Board games

Here are some suggested board games for developing logical thinking and problem-solving skills with websites for online versions of the game:

- Connect 4 - <https://www.cbc.ca/kids/games/play/connect-4>
- Shut the box - <https://www.playonlinedicegames.com/shutthebox>
- Memory snap - <https://www.helpfulgames.com/subjects/brain-training/memory.html>
- Mastermind - <https://webgamesonline.com/codebreaker/>