



Mathematics Learning in Year 2 at St Oswald's CofE Academy



Learning at home is a wonderful opportunity to:

- Connect with your children
- See what your children are interested in
- Enjoy watching them develop their skills



You do not need to be 'good at maths' to support your children's learning. You do not need to 'do school' at home. You do not even need to have formal maths lessons.

Here are some ideas for learning at home. You don't need to try all these ideas in one session. Go at your child's pace, notice what they like and use that as your lead for any activity.

Money

- Counting with coins: collect coins with the same value and use them to help practice multiplication tables facts.
- How many coins? "If I have three coins in my hand, what is the largest or smallest amount of money I could have?"
- Pick a playing card from a deck and make the value on the card with coins. The player who makes the total with the fewest coins wins the card.
- Collect loose change and ask your child how much you have.
- Saving money can also be a great way to develop number and calculation skills.



Planning your week

- Sequence events in chronological order using language for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening.
- Making a weekly menu plan together can incorporate days of the week, time, counting, measuring, sequencing and budgeting. You could talk about how many items you need to buy.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Breakfast							
Lunch							
Dinner							
Snacks							
Activities/ Schedule/ Plans for the Week							

- Plan your day together and pass on the concepts of order, sequencing and sections of time. Which activity will you do first? How long will it take? Have you got enough time to do two things before lunch? What time do you need to get dinner started?
- You could also make a calendar and show your children which day and month you're on. Children should know how many months there are and the order of the months.
- Using clocks, watches and other digital displays of the time can help children to develop their maths skills and prepare them for later life.
- As well as telling the time, using the words *o'clock*, *minutes past*, *minutes to*, *half past*, *quarter past* and *quarter to* you can also use clock faces to practice counting forwards and backwards in ones or fives, up to 60.

Cooking and baking

- Involve your children in cooking and baking and they will be learning about measurements of weight and volume as they pick up the useful life skill of preparing their own food.
- You can use scales, cups, spoons of different sizes and measuring jugs.



- Where you have slightly larger quantities - perhaps counting banana slices, potatoes or even chips - you can introduce skip counting in twos and fives. This is the start of learning times tables.
- Children's recipes...

<https://www.bbcgoodfood.com/recipes/collection/kids-cooking-recipes>



Exercise

- If you're doing exercise, time it.
- Count how many stretches, star jumps or repetitions you can do.
- Children could climb the stairs in 2's where they can and recite the two times tables. Daily repetition is wonderful at building these first math skills.



Here are the fluency objectives for Year 2...

- Counting forwards and backwards in ones to 100
- Counting forwards and backwards in twos to 100
- Counting forwards and backwards in fives to 100
- Counting forwards and backwards in tens from any number to 100
- Counting forward and backwards in threes
- Recalling number bonds within 5
- Recalling number bonds within 10
- Using our knowledge of number bonds within 10 to quickly derive number bonds within 20
- Recalling number bonds within 20
- Recalling multiplication and division facts for the 2 times table
- Recalling multiplication and division facts for the 5 times table
- Recalling multiplication and division facts for the 10 times table

Here are some useful links...

- <https://www.topmarks.co.uk>
- <https://playnumbots.com>
- <https://nrich.maths.org/14600>
- <https://mymaths.co.uk>