



Mathematics Learning in Year 4 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.

Shopping

- By encouraging children to work out the total cost or calculating the change when buying food at the shops, they can practice their calculation skills and develop an appreciation of how maths helps us in our lives.
- Saving money can also be a great way to develop number and calculation skills. By counting coins into money bags, children can practice repeated addition and multiplication skills.
- They could plan something using a budget and decide what to buy and how much money to spend on each item.
- They might like to buy Christmas or birthday presents for family members using a budget.



Watching television

- Work out when the TV show, or movie, is going to end. Or, if you have a TV guide, calculate the length of the programme from start to finish.
- Use a stopwatch during games and sports events to measure, record and compare times in seconds.
- Calculate with time by asking and answering the question, 'What will the time be in ... minutes?'
- Compare the current time using analogue and digital clocks
- As well as telling the time to, you can also use clock faces to practice counting forwards and backwards in ones or fives, up to 60.



Cooking and baking

- Measuring the mass of ingredients and the volume of liquids
- Calculating with whole numbers, in grams, and decimal numbers, in kg, when combining ingredients together.
- Telling the time and calculating durations of time
- Children's recipes...



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

- Children could compare the amount of sugar and salt in certain foods



Planning

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

- 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 and how much they will cost.
- You could talk your child through a calendar with key dates. They should already know the months of the year and their order as well as how many days there are in a year and leap year.
- They could support you in measuring for furniture or a new carpet.
- As part of your day, you could look for shapes in buildings and in nature, symmetry in nature and examples of right, acute and obtuse angles.

Here are some of the fluency facts that are learnt in Year 4...

- Recalling number bonds within 100
- Counting in multiples of 2, 3, 4, 5, 8 and 10
- Counting in multiples of 50 and 100
- Counting in multiples of 1000
- Counting in multiples of 6, 7, 9 and 25
- Recalling multiplication and division facts for the 2, 5 and 10 times tables
- Recalling multiplication and division facts for the 3, 4 and 8 times table
- Recalling multiplication and division facts for multiplication tables to 12 x 12

Here are some useful links...

- <https://www.topmarks.co.uk>
- <https://www.ttrockstars.com>
- <https://playnumbots.com>
- <https://login.mymaths.co.uk/login>