



At St Aloysius we offer a high-quality mathematics education taught from the earliest age (Nursery) and developed consistently over time through the delivery of an engaging and inspiring curriculum. We recognise that children need to be confident and fluent across each objective studied. To ensure consistent coverage, our teachers follow the White Rose scheme of learning to support their planning and teaching.

As we face together the challenge of learning from home, we are committed to ensure our pupils continue to develop their mathematical skills and understanding while they are away from school.

Miss J Doughty

White Rose Maths

Whilst in school the teachers plan their lessons using the **White Rose Maths** scheme of learning. Their website is providing **free PowerPoints** and **teaching videos** which you can watch alongside your child to help you understand and consolidate the work that your child is completing at home.

<https://whiterosemaths.com/homelearning/>

The White Rose website (detailed above) produces daily 'home learning' lessons for Early Years to Year 9. Every lesson comes with a short video showing you clearly and simply how to help your child complete activities successfully.

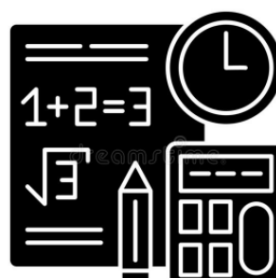
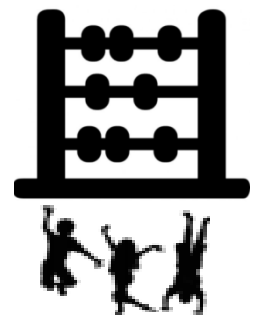


HOW TO USE THE LESSONS

1. Click on the set of lessons for your child's year group
2. Watch the video (either on your own or with your child)
3. Find a calm space where your child can work for about 20-30 minutes
4. Use the video guidance to support your child as they are working through a lesson.

Teacher Videos

Our staff are working extremely hard to ensure that your children are being provided with the best resources in order to help them make sense of their lessons at home. Teachers are making teaching slides and videos where necessary to explain the key concepts being taught. In line with our maths policy, there will be a variety of visual prompts and pictures to help your child build understanding, especially for aspects of the curriculum which may, at first, seem a little tricky to grasp. These personalised teaching aids can be used alongside White Rose resources to support your child's mathematical development.



The importance of practising number facts at home...



Number facts are important for your child to learn because they form the building blocks for higher level Maths skills. Adding and subtracting numbers mentally, quick recall of multiplication and division facts, telling the time and counting money are all concepts of Maths that children will encounter early on in their life. The more time they spend committing these facts to memory then the easier they will find all other aspects of maths in their future lessons.

Fun games to support the learning of number facts at home...

- Playing cards – turn 2 cards over and ask your child to either add them together or multiply them. Turn one card over and ask ‘What do I need to add to make ...?’
- Playing board games
- Play ‘What number am I?’ Give clues such as ‘I am an odd number... If you multiply me by 2 the answer would be 18... If you divide me by 3 the answer would be 3...’
- Whilst out on walks go on number hunts, notice the numbers on doors and ask ‘What number do you think will be 5 doors down?’

This time spent at home is a great opportunity to practise those basic number skills.

Early Years: Number bonds to 5, 10 and 20

Key Stage 1: Number bonds to 20 and 2, 5, 10, 3, 4 times tables

Key stage 2: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 times tables

You could even make your own board games which include addition/ subtraction/ multiplication/ division facts!



Pair up with someone and choose yourself a coloured counter. Take turns to move. Once you have found your answer, move on that number of spaces!

12 ÷ 3	12 ÷ 2	6 ÷ 2	14 ÷ 7	18 ÷ 6	36 ÷ 3	Move forward 1 space!	9 ÷ 1	6 ÷ 2	16 ÷ 8		
16 ÷ 4		15 ÷ 3	Move forward 2 spaces!						21 ÷ 7		
Miss a go!		18 ÷ 6	42 ÷ 6				18 ÷ 3	10 ÷ 5	15 ÷ 3	Move backwards 3 spaces!	36 ÷ 9
10 ÷ 5		21 ÷ 7	18 ÷ 3				24 ÷ 3				
6 ÷ 3		Go back to the start!	19 ÷ 1				12 ÷ 3	Miss a go!	28 ÷ 4	30 ÷ 3	8 ÷ 4
8 ÷ 4		2 ÷ 1	Move back 5 spaces!								36 ÷ 3
4 ÷ 2		24 ÷ 3	4 ÷ 4				14 ÷ 7	18 ÷ 3	Advance to finish!	23 ÷ 3	9 ÷ 3
START		9 ÷ 3	27 ÷ 9	30 ÷ 10			FINISH				

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Divide it!

Recommended Websites/Resources...

- <https://www.bbc.co.uk/cbeebies/shows/numberblocks>
- <https://home.oxfordowl.co.uk/kids-activities/fun-maths-games-and-activities/>
 - <https://whiterosemaths.com/homelearning/>
 - <https://www.topmarks.co.uk/maths-games>
 - <https://nrich.maths.org/6499>
- <https://mathsframe.co.uk/en/resources/category/22/most-popular>
 - <https://trockstars.com/>
- <https://www.mathsisfun.com/games/>