Mathematics News

What is White Rose Maths?

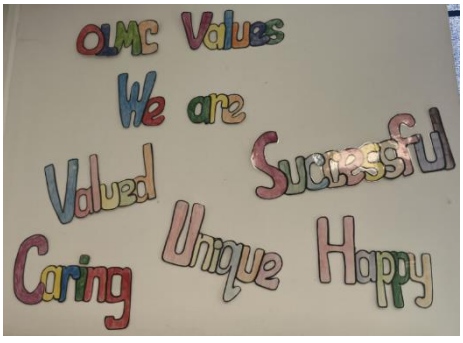
White Rose Maths is an organisation that provides maths resources and schemes of learning for pupils of all ages, from early years to secondary school. White Rose follows a mastery approach. Mastery in maths means children acquiring a deep and long-term understanding of maths which they can apply to use in different ways. White Rose maths is built and sequenced in a way which supports this mastery approach. The schemes of learning and resources are designed to be enjoyable, engaging and varied, to help children develop a love of learning and work towards mastery. The White Rose Maths approach to teaching is based around the motto, 'Everyone Can Do Maths: Everyone Can!'. Here at Our Lady of Mount Carmel we wholeheartedly agree with this slogan and its reflects our own school motto, 'For God nothing is impossible.' Luke 1:37.

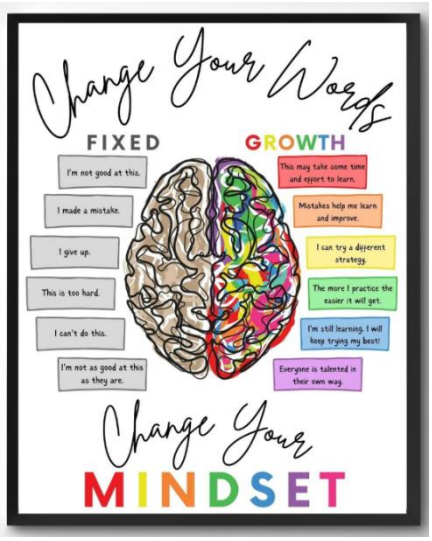
How does a maths lesson look at Our Lady of Mount Carmel

- Each year group follows a 'Scheme of Learning' and over the year they cover a range of different topics (called 'blocks').
- Whole class teaching input - the teacher models they key processes and methods alongside the children. 'Guided practice' allows children to practice on their whiteboards before beginning their work.
- Children working through questions in their Maths books. The resources contain a range of different types of questions from fluency practice to reasoning questions which involve a written answer.

<u>How can I help my child feel positive about maths at home?</u>

We believe that every child can succeed in maths, and one of the most important building blocks for success is a positive mindset. There are lots of opportunities to help build this positive mindset at home, because we use mathematical concepts and procedures many times in our daily lives, often without realising that it's maths!





Useful apps - **At the time of writing both of these apps are available on all app stores for free.**

White Rose Maths - One minute maths

This app is primarily aimed at children in EYFS and KS1 and gives them an introduction to addition, subtraction and subitising - recognising numbers.

Users are able to choose the layout of their questions, either using cartoon objects or coloured dots placed at random or in arrays and, as it is only one minute per game, is not to onerous on the user, or their parents!

Times Tables Rockstars – KS2

Chances are you have heard your child/children talking about TTRS already, we use this site extensively throughout KS2. This app gives the children chance to embrace their inner rock legend whilst they practise their multiplication tables - this has a huge impact on the speed and accuracy of which they can calculate in class.