Rushbrook Primary Academy

Subject Information. Maths

At Rushbrook, we teach maths following the National Curriculum, using a mastery approach; this sparks curiosity and excitement and helps nurture children's confidence in maths. We also deliver same day interventions for children; this is to address any misconceptions picked up during lessons. We use the scheme White Rose Maths to help timetable our maths lessons, and we use reliable sources such as the NCTEM and Third Space Learning to support this.

In our maths lessons, we believe that all children can do maths and aim to foster a love for the subject with an ability to apply maths across the curriculum and within their daily life. We use adaptive planning and teaching to ensure that the whole class moves through the lesson together. Teachers develop their knowledge and work collaboratively to refine and improve their teaching. Our curriculum design is sequenced to support sustained progress over time and our lesson designs link to prior knowledge.

Children no longer revisit maths topics each term. Instead, units of work are extended over several weeks, giving children plenty of time to grasp and rehearse every concept. Each topic is broken down into key skills which are then carefully mapped out into a coherent, logical sequence. These longer units of work allow children time to master each skill before they move onto the next.

Children are taught as a whole class, and each child is given access to the same lesson content. Appropriate support is available for any child who might need it, and there are opportunities to deepen learning even further through the provision of more challenging activities. No assumptions are made before the lesson about which children might need more support, nor which ones will likely move on to the more difficult tasks.

We know that practice is a vital part of learning to reinforce fluency and develop their understanding, we ensure that this is delivered by using White Rose 'flashback four' and having a recap of prior learning at the beginning of each lesson. We also start each new unit with recapping prior knowledge from the previous year group to . At the end of each unit, we use journalling top showcase their knowledge.

All of our lessons are whole-class and interactive meaning all children can master concepts before moving onto new ones. Lessons will commonly be taught using a 'ping pong' style approach, so called because the teacher orchestrates a continual back-and-forth dialogue with the children, using questions, short tasks, explanations, demonstrations, and discussions. This enables the teacher to vary the pace and direction of the lesson if necessary, and to continuously monitor the progress of the class.

Throughout school, we use Times Tables Rockstars as children must become fluent and have a rapid recall of times tables facts. This challenges children on age relevant multiplication and division facts, and it allows children to practice and compete with their peers across the school