

Maths Provision 2020-21

As a school, we are continuing on our journey to support a mastery approach to teaching and learning by using the plans and support materials produced by White Rose. Staff have been provided with Small Steps planning in folders and the Mastery More Detail plans have been placed on the school platform. White Rose have also put updated Schemes of work on their site including lesson by lesson overviews to support the work missed in 2019-20 due to Covid 19. These have been forwarded to all teachers in KS1 and KS2 alongside the government non-statutory guidance for the coming year. Some KS1 staff are continuing to use Collins online to support this transition. Although Power maths is advised, we are continuing to use Collins textbooks at the current time. Early Years will also be taking advantage of the White Rose materials.

We are striving to build confidence in maths through the opportunities children are given to develop fluency in lessons and through Times Tables Rockstars which is used both in lessons and at home. Fluency must demand more than memorisation but a mixture of efficiency, accuracy and flexibility in their work and choices. Teachers will use reasoning and problem solving tasks to build depth into objectives and provide opportunities for children to make connections and use known facts and methods accurately. White Rose have provided extra specific problem solving and reasoning questions that they have recently placed on their website for staff to utilise.

Children will use concrete objects so they can better understand what they are doing on new concepts and develop pictorial representations as demonstrated through the White Rose scheme of work. Early Years will use 5 and 10 frames alongside Numicon and develop number recognition in a memorable way using Ten Town online resources. Staff will be encouraged to use the outside areas, not just in Early Years where practical maths is part of the children's play. Abstract questions will be carefully crafted where possible to expose key learning and further develop the thinking process. All teachers have been exposed to variation and reasoning in the staff meeting.

Children will be given immediate verbal feedback where possible and in-class marking to help identify children who may require intervention - this will also support a 'keep up' not 'catch up' way of thinking. Children will be given the opportunity to identify mistakes and correct where necessary. The traffic light system will continue and written feedback or questions can be provided to move learning on. Athletics will continue in school and promoted for home

Assessments

KS1 are using PUMA assessments at Christmas and at the end of the year to support their knowledge of children's ability. Years 3, 4 and 5 have used Testbase at Christmas and Rising Stars at the end of the year. Year 6 use previous SAT papers once per half term for practise. Staff have tracking progress sheets that they can use to support their assessment of children against age-related expectations and these sheets also highlight non-negotiable objectives that are deemed most important. Early Years have new ELGs to focus upon this year.