

Rising Stars Mathematics Case Study



School: Hawes Down Junior School

Location: Bromley

Teacher: James Robinson, Numeracy Coordinator

Why did you choose *Rising Stars Mathematics*?

We chose *Rising Stars Mathematics* as the main teaching resource for our school because it helped us overcome some big issues that were affecting us. After looking through the material and seeing the authors being it, we were confident it would be able to help us. It has an easy-to-follow structure that incorporates manipulatives within every topic as well as showing how they can be incorporated into problem solving and reasoning, meaning we were able to help build a maths mastery approach across our school.

How are you using *Rising Stars Mathematics*?

We are using *Rising stars Mathematics* as a very flexible resource but still keeping it as a main focus for teachers and children. We do not follow the resource verbatim but use it as a starting point for all topics and then use what is appropriate for our children's learning throughout the year. The resource really helps to structure and guide the lessons whilst allowing you to add or takeaway the parts that may not be relevant to my class.

What are the benefits of *Rising Stars Mathematics*?

The main benefit for us as a school is the way that the resource shows how manipulatives can be used in so many different ways. This gives all teachers a clear and open approach to using the concrete part of maths in their lessons. Furthermore, the 4-step approach to questioning has meant that the children can see clearly the difference between fluency, reasoning and problem solving.

Final comments

This is a strong, flexible and easy to use resource that can be followed verbatim or used as part of a varied lesson structure. It gives teachers everything they need to build and deliver a full and varied maths curriculum.