



Mathematics at Horn's Mill

At Horn's Mill, we use the mastery approach to teach mathematics and follow the 'Maths No Problem!' scheme of work.

In order to make this scheme of work as effective as possible in our school, the following strategies and systems are consistently applied as teachers deliver the scheme.

- Pupils work in mixed ability groups/pairs in lessons.
- Lessons will usually begin with a 'Warm Up' recap of prior learning in the unit.
- The 'Notability' App is used to plan and deliver most lessons.
- As part of the lesson preparation, a model journal is pre-written by class teachers to support high quality journaling, especially for struggling learners. Advanced learners will add to/amend/enhance this in their independent journal. The modelled journals from each lesson are displayed on the working wall until the end of the unit.
- The 'Explore Task' that children complete at the start of the lesson is stuck in children's maths books including key vocabulary for that lesson.
- Children record their journaling, next steps or interventions in their 'Maths' books.
- Children complete the 'Maths no Problem' workbook at the end of a lesson.
- There is explicit teaching of key vocabulary throughout a lesson. This is subsequently displayed on the math's working wall.
- Textbooks will be used occasionally to support learning.
- 'Sentence Starters' and 'Next Steps' are displayed on math's working walls to support children as they journal.
- In Reception and Key Stage 1 teachers mark pupil's work. In KS2, pupils mark their work alongside staff in the lesson.
- Pupil's record the date in their books from Year 1-6 by writing the short date