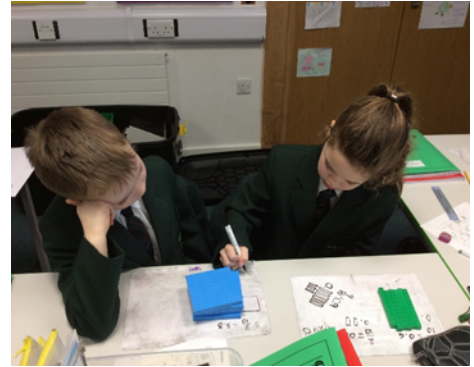## Intent

At Oak Hill Academy, our Mathematics Mastery curriculum has been developed to ensure every child can achieve excellence in mathematics. All children can experience a sense of awe and wonder as they solve a problem for the first time, discover different solutions and make links between different key areas of mathematics. It provides all pupils with a deep understanding of the subject through a concrete, pictorial and abstract approach.

Implementation

-Ensure children are engaged and enjoying their lessons.
-Ensure staff are secure with the Mathematics Mastery six-part lesson.
-Provide staff with tools to assess effectively throughout lessons using focused and targeted AfL.
-Provide staff with tools to assess effectively using PITA.
- Judgements linked to end-of-year expectations from the National Curriculum.
-Support staff in planning and resourcing fun, engaging and purposeful mathematics lessons.
- Encourage an open culture for self-reflection, improvement and CPD.

Impact

-Closing gaps for children to make at least expected progress from KS1 to KS2
-Evidence of high quality provision in Maths books
-Opportunities to link to other curriculum areas if they arise
-Opportunities for Maths Challenge days to develop Cultural Capital.
- Provide opportunities for linking of content domain skills through reasoning and problem solving.
- Ensure children have the opportunity to be immersed in problems and worded problems.
- Provide tools to children to help them to break down questions throughout mathematics to pick out key themes and concepts.
- Provide opportunities for **transdisciplinarity** where appropriate and when it can effectively link to the half term's assignment.
- Encourage development of **cognitive load management –** giving all learners the ability to discriminate and filter information for importance. This involves all aspects of perception, thinking, reasoning, and remembering.
Ensure learners are working **collaboratively** to build on previous knowledge and develop **communication**.