## How we teach Mathematics at Herrick

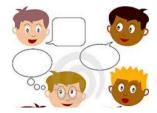
The emphasis is on developing pupils' **mathematic skills** and master them alongside ensuring they are **fluent** in their knowledge of times tables and the four mathematical operations: addition, subtraction, multiplication and division. Various methods and strategies are introduced as they progress throughout the school and a greater emphasis is placed on children's reasoning skills once the basics are embedded.

## We have four non-negotiables for every lesson.

- All sessions to use concrete material
- All children to speak in full sentences using mathematical vocabulary
- All children are encouraged to use images, doodles and pictorials to represent their understanding



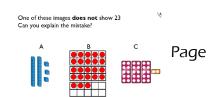


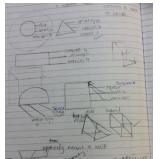


 In all sessions, children will be asked to reason and justify their thoughts and answers in order to promote a deeper level of learning

## What does a unit for work look like?

Pupils will typically begin a unit with a Problem





They are encouraged to record what they have understood through a WDIKA Page (What Do I Know Already) which is used by teachers to check and assess understanding.

Pupils will have a 'next steps' document in the front of both Maths books to allow clear and precise communication throughout any member of staff as well as support from outside of school

-Years 2-6 have been provided with login details for Times Tables Rockstars.

Each week pupils will sit a Times Tables test.



## What is being taught each week?

https://whiterosemaths.com/ Click on Resources and select Age Group and then click on Schemes of Learning which will take you to the overviews for each year group.





