



# Maths at St Luke's

## Our Ethos:

At St Luke's we believe in fostering a positive attitude towards maths. Children should develop a clear, logical and systematic way of working and seek maths as a tool to solve everyday problems. We aim to teach maths creatively with the use of concrete manipulatives and pictorial representations to acquire a greater depth of understanding. Children work cooperatively, exploring maths ideas together and supporting each other to see new concepts in different ways.

## Our Vision:

At St Luke's we see teaching for mastery in maths as allowing the pupils to gain a deep understanding of maths. This will help them to acquire a secure and long-term appreciation of maths, equipping them to make continual progress to move onto more complex topics.

"I like it when we use the 5 frame to count."

Reception

"I like the fact that maths makes sense and follows patterns."

Year 4

"In maths I can use the counters to help me."

Year 1

"Maths is great because it's exciting to make connections and see things in different ways."

Year 5

"Maths is fun because I like challenging questions like division and multiplication. I like that it makes you think."

Year 6

"I like maths because it is challenging"

Year 3

## What does maths look like?

Daily lessons including fluency, problem solving and reasoning take place across the school. All areas of maths are taught through demonstrations with concrete resources as well as pictorial representations alongside the abstract calculations. Maths learning is given a real life context to support children in recognising maths in the world around them.

## What do the children think?



## Further Learning Opportunities:

- Times-tables club
- Times Tables Rock Stars Competitions.
- Purple Mash Maths Activities
- Maths Teach-ins
- Cross Year Group Challenges