

Subject/Area: **Maths**

Motto/Mantra/Metaphor: **Be prepared to divide and conquer! Keep it real!**

Personal Values - Promoting Positivity & Purpose

- **Engagement in Research** -Twitter
- **Wellbeing**—feedback- praise as close to the time of monitoring activity as possible—verbal or email
- **Wellbeing**—at staff meetings reflect over previous learning and list successes had so far this year
- **Workload**—bite size chunks building on previous learning explaining why we are doing it—buy in for stakeholders

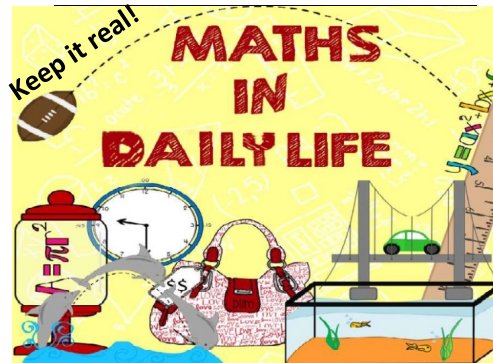
Vision:

To create confident Mathematicians who can use and understand a variety of efficient strategies to solve Maths problems in real life situations.

Enrich Learning - Embedding Excellence

- **Immersion in Good language Models** - Maths specific vocabulary on PPT and in planning
- **Models/Scaffolds** —models linked to ARE and GD followed by intelligent practice of models
- **Deliberate practice** – model making ‘Good’ mistakes
- **Knowledge/Skills/Assessment**— use of Knowledge organisers and fluency skills including Times Table Rock Stars and other areas eg no bonds
- **Connections** - real life situations and links across topics
- **Environment**—washing lines linking to models and display developing over the year to match the Knowledge Organisers —build it up, don’t forget it!

School Improvement Planning 2019-20



Grow and Flourish

Ambition for All - Implementing Inclusivity

- **Outcomes**— 50% ARE in each year group
- **Under-served Groups** - KS1 data to KS2, boy/ girl divide
- **Engagement**— making maths matter to underperforming girls —girl friendly
- **Enhance Reputation** - Twitter, Maths newsletters, parent workshops

Big Rocks—Go for the Gaps

- Develop number fluency
- Using Knowledge organisers to support retention / spaced learning
- Real life reasoning
- AFL in Maths
- Parental support

Respect for Everyone - Creating Consistency

- **Sharing Vision** —link to real life Maths – purpose
- **Engagement** —staff workshops/training, parent workshops
- **Rituals** —Maths newsletters, Times Table competitions, Times Table Rock Stars and roadies, fluency competitions across year-groups