



Our Maths Home Learning Offer



Arithmetic, Reasoning and Problem Solving

- **Arithmetic** is the foundation upon which all other advanced mathematics are built. Additionally, arithmetic is the aspect of math that people are most familiar with. It deals with real numbers and calculations, including the cardinal operations of addition, subtraction, multiplication, and division.
- The **importance of problem-solving** in learning mathematics comes from the belief that mathematics is primarily about **reasoning**, not memorization. **Problem-solving** allows students to develop understanding and explain the processes used to arrive at solutions, rather than remembering and applying a set of procedures.

Resources to support the Teaching and Learning

- White Rose Maths
- Classroom Secrets
- I See Reasoning
- Deepening Your Understanding
- Third Space Learning
- Time Table Rockstars
- Teacher Powerpoints
- White Rose home learning videos
- Teacher worksheets differentiated as Hard, Harder and Extreme tasks
- All tasks will be in PDF format.

Home Learning Expectations

- Every Monday, there should be a 15 minute time tables focus in line with the Year group objectives – Multiplication Monday.
- Daily 1 hour math lessons
- Fluency, Reasoning and Problem Solving focus with differentiation through Hard, Harder and Extreme Tasks
- Live Videos and/Or Teacher Power points
- All work to be uploaded daily on Class Dojo
- Class teacher to acknowledge all work uploaded by the end of the working day.
- Assessment to identify gaps to be completed once closure of the bubble has ended.

