Larkholme Primary School Maths Curriculum

Intent

Whole School Vision Statement

Our vision is to ensure that every child, regardless of their starting point, can achieve their full potential. Through their time at Larkholme, we want our children to become confident and articulate individuals with a thirst for knowledge and a determination to succeed in all they do.

Maths Vision Statement

At Larkholme, we ensure our children have access to a high-quality maths curriculum that is both challenging and enjoyable. We adopt a concrete, pictorial, abstract approach to help develop a deep understanding of maths in all pupils. We encourage our children to be independent learners, who are not afraid to take risks, so they are able to solve non-routine maths problems without having to memorise procedures. We aim to provide our children with a variety of mathematical opportunities, which will enable them to make the connections needed to enjoy greater depth and fluency in maths and life beyond school.

This will be achieved by providing all children with the same curriculum and opportunities and giving all children the chance to do fluency, problem solving and reasoning for every objective. Children will be given the same opportunities by completing the same task which will be differentiated by support and resources where applicable rather than by task.

Children who require additional help will be given speedy interventions to prevent long term gaps in their learning and to enable them to keep up with their peers.

Further challenges will ensure more able children to be continually challenged in their thinking and in order to gain a greater depth of proficiency and understanding.

Values – Our values are at the heart of our entire curriculum

Respect	Responsibility	Resilience

Curriculum Drivers/Aims

Oracy and Vocabulary Development	Literacy Rich	Problem solving/risk taking	Raise Aspirations	Diversity	British Values

Implementation

Components

Curriculum	Enrichment	Partnerships	Events	Sporting events	Parental Engagement	Pastoral Care	Outdoor Learning

How

Link it, Learn it, Say it, Check it, Show it, Know it

	National Curriculum **White Rose Maths Scheme of Work** ensures progression of knowledge and skills and breaks the National Curriculum into small steps. This also supports our mastery approach to teaching and learning, as well as to support the aims and objectives of the National Curriculum. **'Nrich', 'Deepening Understanding'** and '**masterthecurriculum'** supplements the White Rose Scheme in KS2 **'Nrich'** and '**Primary Stars'** supplements the White Rose Scheme in KS1 '**TT Rockstars'** and' **EdShed'** support home learning **Fluency Progression** document develops mathematical fluency through counting, rapid recall and mental calculations. **Learning environment** supports learning through each unit in maths.	**Maths T&L includes** We adopt a **concrete-pictorial-abstract** approach to learning. Each lesson includes: • A short **fluency** activity that rehearses skills learnt in previous lessons and/or prepares children for the new learning in their lesson. • **Teacher input** which teaches the method/concept to the children. Questions are planned to address any misconceptions that may happen before the children begin the task. • **Independent work** which includes fluency, reasoning and problem-solving tasks • **Deepening understanding** which challenges the children to apply their learning further in a different context. • Plenaries to provide address any misconceptions that may arise during the lesson. A whole class plenary at the end of the lesson recaps learning and gives all children the opportunity to discuss problem solving tasks and explain their ideas. **AFL** takes place in each lesson. **End of unit/term assessments** are carried out to assess learning and to help inform future interventions. **Weekly arithmetic tests** in years 2-6 help inform interventions and morning maths activities. **Big Maths** helps practise tables and number bonds.
Impact	Impact	
	Pupils achieve in line or above National levels in science at KS1 and KS2 – see data	Termly data shows Progress – see data
	Confident and competent with numbers and the number system through rapid recall.	
	Pupils who are	
	respectful, responsible and resilient citizens	

	Able to enjoy learning mathematics through practical activity, exploration and discussion. Can solve problems through decision-making and reasoning in a range of contexts. Able to understand of the importance of mathematics in everyday life.

Enrichment Opportunities	
Visitors – Maths Puzzles Days Partnerships with local schools (Rossall, FHS) Maths Club	Projects e.g. Year 6 Maths fair Parent Workshops Maths Competitions with local schools