



Maths Rationale

Intent

At Wallop Primary School, we aim for every child to become a life-long learner with maths playing a central role. Maths is much more than a school subject and delivers children vital problem-solving, reasoning and logic skills. Each and every child should leave Wallop Primary School with a thirst for knowledge and a desire to learn at every corner, having been inspired through maths.

We aim to demonstrate to children that it is ok to make mistakes. In maths we promote independence and resilience to shape learners who are developing positive coping strategies that will be applied and built upon throughout their lives.

Maths teaches us many life skills:

- Critical thinking
- Logical reasoning
- Problem solving
- Communication
- Independence
- Teamwork

Implementation

The school's curriculum builds on knowledge from one year to the next so that teachers have a clear understanding of what children have learnt before and what they will learn next. Assessments and knowledge checks are carefully planned to ensure knowledge is retained in the long term memory and any knowledge gaps are filled with appropriate interventions.

Daily recaps pick up on any concepts that need to be revisited. Pre-assessments are used so that teachers know each child's starting points to a new unit and are able to address any misconceptions from prior learning. Teachers plan lessons to create deeper understanding rather than accelerate children to new content. Concrete, visual and abstract resources will support children's learning ensuring components are embedded. Variation will be planned into each lesson to develop children's confidence when reasoning.

During lessons, teachers regularly check for understanding and modify their teaching as appropriate. After a lesson, teachers use this information alongside assessing children's independent tasks to plan for the next session.

In EYFS, maths is taught both as discrete lessons and across the curriculum as part of the continuous provision.



Impact

Children will be confident when counting and manipulating numbers.

Children will have secure skills in addition, subtraction, multiplication and division.

Children will be able to measure accurately (length, weight, time, capacity).

Children are confident to apply their skills to reasoning and problem solving activities.