

Intent, Implementation, and Impact Statement for Times Tables

Inkpen Primary School

At Inkpen Primary School, our intent is to provide a comprehensive and effective Times Tables program that enables every child to develop a deep and secure understanding of multiplication and division facts. Through our outstanding implementation and rigorous approach, we aim to foster a love for mathematics and equip our pupils with the essential knowledge, skills, and confidence to apply times tables in real-life contexts. Our ultimate goal is to ensure that all our pupils make significant and sustained progress in their times tables fluency, leading to improved mathematical proficiency across the curriculum.

Intent

High Expectations and Ambitious Goals

At Inkpen Primary School, we set high expectations for ourselves and our pupils. We believe that every child can achieve mastery in their times tables, regardless of their starting point. Our intent is to establish ambitious goals for each child, ensuring they reach age-appropriate standards and, ultimately, exceed them.

Broader Mathematical Understanding

We understand the importance of times tables as a foundation for future mathematical learning. Our intent is not limited to rote memorization; instead, we aim to help our pupils see the connections between times tables and other areas of mathematics. By embedding times tables within a broader mathematical curriculum, we nurture a deep understanding of number relationships and patterns.

Individualised Approach

Recognizing that every child is unique, we take an individualised approach to ensure each pupil's specific needs are met when learning times tables. We strive to create an inclusive learning environment that supports and challenges every learner to maximize their potential.

Implementation

Sequenced and Structured Curriculum

Our times tables curriculum is carefully sequenced and structured to ensure a logical progression of learning, building on prior knowledge and consistently revisiting concepts. We follow a systematic approach that allows pupils to develop a firm foundation in multiplication and division facts, ensuring they can confidently recall times tables in a meaningful and efficient way.

Daily Dedicated Time

We allocate a time each day for times tables practice and learning. This ensures regular exposure while embedding times tables as a consistent part of our pupils' mathematical routine. Our daily sessions are designed to be engaging, active, and purposeful, utilising a range of resources, strategies, and technologies to enhance learning experiences.

Varied Teaching and Learning Strategies

To cater to the diverse learning styles of our pupils, we employ a range of teaching and learning strategies. We combine direct teaching approaches with practical activities, group work, interactive games, and the use of educational technology. This varied approach ensures that all pupils are actively engaged and can access the learning at their own level.

Clear Expectations and Feedback

Consistently, clear expectations are shared with pupils regarding their progress and achievement in times tables. We provide regular and constructive feedback, both formative and summative, to inform pupils of their strengths and areas for development. This feedback is shared promptly and consistently, allowing pupils to reflect on their learning and take ownership of their progress.

Home-School Partnership

We recognise the importance of home-school collaboration for effective times tables learning. We actively involve parents and carers, providing them with guidance and resources to support their child's practice at home. Regular communication channels are established, allowing parents and carers to share their experiences, and we promote the celebration of times tables achievements both in school and at home.

Impact

Improved Fluency and Accuracy

Through our outstanding intent and implementation, the impact on pupils' times tables fluency and accuracy is significant. Pupils demonstrate a secure knowledge of multiplication and division facts, enabling them to apply this understanding fluently and accurately in a range of mathematical contexts, accelerating their progress across the curriculum.

Increased Confidence and Mathematical Resilience

Our approach to times tables learning fosters a positive mindset, increasing pupils' confidence and mathematical resilience. Pupils develop a strong belief in their ability to tackle mathematical challenges, providing them with a solid foundation for lifelong learning.

Enhanced Problem-Solving Skills

By establishing a deep understanding of times tables and their implications, pupils develop enhanced problem-solving skills. They can identify patterns, make connections, and use times tables knowledge as a powerful problem-solving tool across different areas of mathematics, establishing the basis for more complex mathematical concepts.

Personalised Mastery for All

Through our individualised approach, every child is supported on their journey to achieving mastery in times tables. Pupils who require additional support receive targeted interventions and tailored resources, ensuring no child is left behind. Further, high-attaining pupils are stretched and challenged through extension activities, enabling them to extend their times tables knowledge beyond the expected standards.

Joy of Mathematics

Our outstanding implementation of the times tables program instills a love for mathematics in our pupils. We cultivate a positive and enjoyable learning environment, where pupils engage enthusiastically with times tables learning, fostering a natural curiosity and enthusiasm for the subject.

Conclusion

Through our outstanding intent, implementation, and impact, Inkpen Primary School ensures that times tables are embedded as a core component of our pupils' mathematical education. By setting high expectations, utilising effective teaching strategies, and fostering a love for mathematics, we equip our pupils with the essential skills and knowledge needed for success in mathematics and beyond.