

# Top 10 Tops for Maths Fluency

## 1 Define fluency clearly

Understand that fluency is more than speed. It involves accuracy, efficiency, and flexibility in applying maths concepts to various situations.

## 2 Encourage consistent practice

Ensure practice is a regular part of the routine, much like learning a musical instrument. Short, daily practice sessions are more effective than infrequent, longer sessions.

## 3 Use what's available

Use existing resources you have access to, like White Rose Maths, Sumdog, and others to avoid reinventing the wheel. These tools offer structured approaches to enhance fluency.

## 4 Engage with technology

Incorporate digital tools that adapt to pupils' learning needs, providing real-time diagnostics and personalised learning paths. Encourage self-led practice with these tools.

## 5 Make learning fun

Integrate games and practical activities into lessons. Use manipulatives and real-world applications to show maths in various contexts, including other subjects like PE and music.

## 6 Involve parents

Host workshops and provide resources for parents to support maths learning at home. Encourage them to use the same language and methods as the school.

## 7 Foster a Growth Mindset

Encourage a classroom culture where making mistakes is part of learning. Highlight that learning from errors is crucial to developing fluency.

## 8 Leverage peer support

Encourage collaboration among pupils. Discussions around problem-solving and sharing different strategies can enhance understanding and fluency.

## 9 Track progress regularly

Use diagnostic tools to monitor progress and identify areas needing improvement. Adjust teaching strategies based on these insights.

## 10 Be patient and ready to adapt

Understand that building fluency is a gradual process. Be prepared to adapt strategies as needed to meet the diverse needs of pupils.

By implementing these strategies, we hope you can foster an environment where pupils feel confident and excited about their math learning journey.