



Strategies to remove potential barriers in Maths



Potential barrier	Strategies to overcome barrier
Difficulty with vocabulary and it's various synonyms	<p>Pre-teach key vocabulary, then ensure multiple and regular exposure to these words.</p> <p>Display key vocabulary (synonyms for add, subtract, multiply, division and equals) and key topic vocabulary which is pre taught prior to topic teaching</p>
Difficulty reading	<p>Partner with a child who can read key information to them.</p> <p>Work in a smaller group with a TA</p>
Insecure fact knowledge – number bonds, times tables	<p>Retrieval practice daily as lesson starter</p> <p>Regular repetition to build fluency</p>
Needing extra time to process questions	<p>Always allow for plenty of thinking/talking/practise time before asking children to comment or do</p>
Sequential procedures	<p>Give steps for success – written or visual – to remind children what to do next.</p> <p>Repeat these types of questions in fluency sessions alongside the steps for success</p>
Loss of concentration on a difficult task	<p>Encourage use of manipulatives to solve a problem</p> <p>Time is given to implement strategies to gain procedural knowledge using steps for success</p> <p>Scaffolds provided to support – steps for success, access to CT/TA</p>

Additional strategies

- Check understanding through careful questioning – allow for partner talk, quiet thinking time and written example
- Introduce each topic with key language and skills needed
- Pre teach vocabulary and rehearse relevant prior learning