

Adaptations to remove potential barriers in the curriculum

Subject: Computing

Potential barrier	Strategies to overcome barrier
Difficulty retaining vocabulary	<ul style="list-style-type: none"> • Pre-teach key vocabulary, then ensure multiple and regular exposure to these words. • Word mats with key vocabulary • Revisit key learning and vocabulary each lesson
Difficulty reading or writing	<ul style="list-style-type: none"> • Partner with a child who can read key information to them. • Work in a smaller group with a TA • Teacher modelling, show images or use videos where possible • Use alternative ways of recording work • Use text-to-speech
Children who struggle with change and transition	<ul style="list-style-type: none"> • Computing lessons are structured consistently to ensure they follow the same routine every lesson. • Lessons breakdowns available for children to tick off as the lesson is being taught. • Pre-warning given to children before stopping a task • Visual timetables • Consider how technology is going to be handed out
Children who struggle with processing	<ul style="list-style-type: none"> • Always allow for plenty of thinking/talking/practice time before asking children to comment or do. • Ensure the classroom environment is inclusive
Reducing reliance on memory	<ul style="list-style-type: none"> • Make sure they understand the task and the expectations. • Be prepared to go over something multiple times. • Use clear short instructions. • Whiteboards available to write down notes.
Children not familiar with particular piece of tech	<ul style="list-style-type: none"> • Time allocated before lesson to experiment/explore technology before having to use it. • Labelling items or showing diagrams
For pupils believed to be Dyslexic	<p>Use of the EEF five core principles of good teaching for pupils with SEND:</p> <ul style="list-style-type: none"> • Explicit instruction • Cognitive and metacognitive strategies • Scaffolding • Flexible grouping • Using technology <p>Consider pupil's learning preferences recorded in Learning toolkit.</p>

Additional strategies

- Check understanding through careful questioning, asking children to explain to a partner or applying skills/knowledge to a different context
- Introduce each piece of equipment – name it, explain what it does, model how it can be used or applied
- Dictation tools can be used on iPads and laptops.

