

# Oakdene Primary Academy



## SEND Provision in Maths

### Cognition & Learning

### Communication & Interaction

Learning Challenges	Provision	Learning Challenges	Provision
<ul style="list-style-type: none"> <li>• Poor working memory - difficult recalling key processes.</li> <li>• Difficulty sequencing</li> <li>• Slow processing speed</li> <li>• Accessing written work in Maths</li> </ul>	<ul style="list-style-type: none"> <li>• The curriculum has been split into small steps, meaning learning is in manageable chunks. Teaching sequence well structured. Making content accessible for everyone.</li> <li>• Pre and Post teaching means that most children including SEND are able to access lessons. The expectation is that all children progress through the topics at broadly the same pace.</li> <li>• Concrete and pictorial representations, meaning children who take longer to grasp concepts can instantly access all lessons.</li> <li>• Regular recall sessions at the beginning of each maths lesson and outside for children to recap previous learning.</li> </ul>	<ul style="list-style-type: none"> <li>• Understanding of new Maths unit</li> <li>• New vocabulary across a range of Maths units.</li> <li>• Lack of maths fluency.</li> <li>• Auditory processing difficulties.</li> </ul>	<ul style="list-style-type: none"> <li>• Pre-teach the vocabulary and representations before the lesson</li> <li>• Use of precision teaching.</li> <li>• Key vocabulary is taught in meaningful contexts to build understanding. This is displayed on working walls.</li> <li>• The working walls display worked examples, concrete and pictorial representations and challenges which can be used to support children's learning. The children can use them for reference in their lessons. And provide a useful reminder of work that has been covered.</li> <li>• All classes have manipulatives in the classroom which are stored in a way which means that children can gain access as and when required.</li> <li>• Repetition of key learning.</li> <li>• Use of sentence stems to help develop sentences to explain mathematical thinking/reasoning</li> <li>• Children to use manipulatives to communicate their ideas if unable to verbally or written.</li> <li>• Use of ICT/iPad/photos to record pupils thinking and understanding verbally.</li> </ul>

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## SEND Provision in Maths

### Physical and/or Sensory

### Social, Emotional & Mental Health

Learning Challenges	Provision	Learning Challenges	Provision
<ul style="list-style-type: none"> <li>• Difficulty using manipulatives</li> <li>• Visual Impairment.</li> </ul>	<ul style="list-style-type: none"> <li>• Multisensory strategies used, e.g., wide range of manipulatives and resources to support mathematical thinking.</li> <li>• Range of manipulatives that can be used to teach a variety of different mathematical concepts available</li> <li>• Use of a ruler to track the question.</li> <li>• Highlighters to highlight key words / phrases / facts within a question.</li> <li>• Large print of questions and images used to show key concepts.</li> </ul>	<ul style="list-style-type: none"> <li>• Anxiety towards Maths</li> <li>• Difficulty understanding social concept towards Maths group work.</li> <li>• Difficulty understanding own emotions and those of others.</li> </ul>	<ul style="list-style-type: none"> <li>• Children to be aware of what will be happening in the lesson due to clear LI and SC. Children's learning to be supported using the pre-teaching approach throughout the whole lesson.</li> <li>• Children work in a range of different groupings e.g. mixed ability/ same ability/ friendship groups and these vary depending on the tasks being undertaken</li> <li>• Opportunities to be sorted by an adult throughout the lesson where needed</li> <li>• Opportunities for pupils to support each other (collaborative learning).</li> <li>• Use of coloured overlays to relax the eyes during reading of key information, making the print clear.</li> </ul>

Communication  
& Interaction

SPLD e.g. Dyslexia  
Moderate Learning Difficulties  
Severe Learning Difficulties  
Profound & Multiple learning difficulties



SEND  
Areas of Need

Cognition  
&  
Learning

Dyspraxia  
Physical Disability  
Visual Impairment  
Hearing Impairment  
Multi-Sensory Impairment  
Sensory Processing Disorder

Sensory and/or  
Physical Needs

Social, Emotional &  
Mental Health  
Difficulties

Autism Spectrum Disorder (ASD)  
Speech, Language & Communication Needs (SLCN)

Attention Deficit Hyperactivity Disorder (ADHD)  
Attention Deficit Disorder (ADD)  
Oppositional Defiance Disorder (ODD)  
Depression  
Anxiety  
Eating Disorders  
Self Harm  
Behavioural, Emotional and Social Difficulties (BESD)