

**Enabling and Adapting the Maths Curriculum**

At Allendale Primary School we are able to support SEND and less experienced learners in the Maths curriculum with a personalised approached which can include:

* Pre – teaching of topic vocabulary
* Pre-teaching of specific concepts
* Focus on oracy – well managed environmental background noise.
* Visual prompts and organisers
* Personalised vocab mat
* Sentence stems
* Building on prior knowledge
* Breaking learning down into small steps
* CPA (concrete, pictorial abstract) approach
* Use of maths manipulatives
* Task chunking
* Rehearsing fluency e.g practising 5 x table out of maths lesson
* Drawing of word problems
* Modelled ‘thinking out loud’ to scaffold problem solving
* Adult scaffolding to further break down tasks and learning into smaller steps.
* Use of the outdoor environment for learning.
* Worked examples to use as a model
* Scaffolded recording e.g use of scribe or writing frames/worksheets
* Adaptations to resources e.g enlarged diagrams/additional labelling
* Use of real life references to make content less abstract – supported by pictoral/video resources.
* Practical learning experiences
* Mixed ability peer pairings/groupings/flexible groupings
* Dyslexia friendly strategies for reading and writing
* Multi sensory approaches – songs/games
* Overlearning of key concepts.
* Use of concept development model to identify gaps in prior knowledge