

SEND in my subject area: Science

What is in place in your subject area for teaching that subject to children with SEND?

Cognition and Learning		Communication and Interaction	
Subject Challenges for SEND	Provision for SEND	Subject Challenges for SEND	Provision for SEND
Literacy difficulties	Use of topical word banks to aid understanding and explanation of scientific processes Scaffolded alternative recording methods Adult support, peer support (mixed ability pairing supports) Clicker access if required	Difficulties using language / expressing themselves	Sentence starters / modelled language. Stem sentences / repetition Partner talk My turn-our turn-Your turn Opportunities to present ideas in different ways other than verbal e.g. pictorial, written, diagram Think/pair/share
Dyslexic type difficulties	Coloured overlays Coloured background on screens Usual dyslexic support given when reading / writing	Difficulties with processing language /following instructions	Simplified step by step instructions. Chunking. Pictorial prompts Model – do Time to formulate information / answers
Mathematical difficulties	Think how data tables can be created differently Use of mathematical equipment / resources available in Science lessons as appropriate		
Retaining information	Retrieval questions to start lessons Revisit vocab from previous sessions Word banks on working walls Make links between vocabulary in lessons and other curriculum areas		
Meaning of vocabulary	Recall vocabulary in lessons and through daily dash		
Physical and Sensory		Social Emotional and Mental Health	
Subject challenges for SEND	Provision for SEND	Subject Challenges for SEND	Provision for SEND
Children with fine/gross motor difficulties	Usual supports must be available: pencil grip Non-slip mat sloping board writing frames scaffolds scribe	Children who struggle to maintain attention	Fast paced lessons, model and do approach to teaching, use of interactive resources Investigative activities Give roles during group work – allow child to be the ‘expert’ at times Opportunities to move – give out books, maps etc Non-verbal reminders
Children with hearing difficulties	Seating - ensure children are seated where they can hear the adult Hearing loop Adult check-ins		Seating plans Fidget toys Wobble cushion Resistance bands
Children with visual difficulties	Seating plan – ensure children are seated where they can see the adult Picture prompts Adult check ins Enlarged resources / font Overlays as required	Anxiety	Ear defenders Bite Toys Regular adult check-ins

