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activities- may

have misheard

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Clarity of instruction, explanations and modelling are crucial ٠ Be aware of safety with the use of materials and tools – extra supervision may be needed Support motor planning for children with certain types of SEN Provide explicit skill teaching for those who need it Ensure that children can see success Motivation is vital to bring about engagement - if it feels too hard or too easy it will not be motivating Adapt to go with interests of the children Dyspraxia (fine/ Cognition Visual Memory/ ASC/ADHD Speech and SEMH Hearing Impairment Impairment gross motor) processing Language • Difficulty difficulty in understanding • Difficulty in • Difficulty in Noise and • May struggle Motivation recording in recalling movement hearing difficulty recording in a way with Participation • Safety with instructions writing and instructions overstimulating Barriers identified by SENCo/Class teacher which supports learning and contrasting • Team/partner work using from diagrams Difficulty Sharing space and retrieval colours • Sharing materials resources teacher/peers • Cutting out and recalling prior equipment with • May struggle and "air-time" • Key words learning (long • Filtering noise sticking in others to work unfamiliar to hear what is • Use of tools and short term) Sensory issuespractically important Working safely Working safely noise, smell, taste, Safety when • Low self with if multiple texture working with instructions esteem equipment- Safety with using equipment resources • Difficulty with cutting, drilling, Difficulty in vocabulary. sawing, cooking formulating Organisation multiple ideas • Difficulties in • Frustration is working safety or designs product does not in practical match brief

Less structured

time • Rigidity over chosen design

Barriers to and solutions for Engagement, Progress and Achievement in Design and Technology

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	Hearing Impairment	Visual Impairment	Dyspraxia (fine/ gross motor)	Memory/ processing	ASC and ADHD	Speech and Language	Cognition and Learning	SEMH
Solutions Identified by subject co-ordinator	 Pictorial representations to support understanding Vocab lists and explanations Position within the class Modelling under visualiser 	 Enlarged resources Extra supervision when using tools 	 Graphic organisers Alternative ways of recording Simplification of diagrams Hand over hand support in practical lessons if needed Risk assess safety needs on individual basis 	 Graphic organisers Step by step instructions Visual prompts Hovering adult for support Instructions broken into steps Modelling under visualiser 	 Visual representation Pre warn- eg noisy drill Ear defenders if needed Careful positioning of children- time out if necessary Chunk activities Clear instructions Support for motor skills may be needed Be aware of sensory issues – do not force to touch certain items etc. Own set of resources if needed 	 Reduced/ alternative recording Instructions broken down into steps Show videos where necessary (available on Kapow) 	 Knowledge/graphi c organisers Word banks Alternative methods of recording 	 Clear end points Clear expectations Modelling and explanations Extra supervision when using tools Hovering adult for support Careful grouping