Rosscon EHCP & Differentiation Matrix – Construction Pathways

This matrix supports differentiated delivery across Brickwork, Joinery, Plastering, and Roofing. It aligns with the 21-week SOLs and ensures EHCP needs are proactively planned for, evidenced, and reviewed.

EHCP/SEND Need	Potential Barriers in Construction Training	Differentiation Strategies	Practical Adaptations (Workshop Examples)	Assessment & Evidence Adaptation	Success Indicators
Cognition & Learning	Difficulty remembering sequences, tool names, safety steps, measurements	Small-step instruction, knowledge mats, modelling, dual coding, recap routines, verbal check-backs	Visual prompts for PPE, labelled tools, step-by-step demo boards, repeated tool drills	Checklists, annotated photos, oral recall of safety steps, scaffolded reflection sheet	Correct tool use, improvement in repeat tasks, reduction in safety reminders
Communication & Interaction (ASC/ADHD)	Anxiety in noisy workshop, struggle with sequencing & group tasks	Clear routines, visual task breakdown, quiet workstation option, structured pair roles	Quiet bay for cutting/plaster boards, noise-reducing PPE, prepared task stations	Short written tasks, verbal feedback recording, timed task cycles	Sustained task focus, safe practice, successful joint/brick/plaster section independently
SEMH	Low confidence, frustration tolerance, task avoidance when skill struggle	Emotion coaching, confidence prompts, predictable routine, praise focus	'Success station' demo models, break card, clear safe-space routine	Photo log of progress, weekly skill confidence tracker	Improved engagement time, reduction in dysregulation, pride in completed piece
Dyslexia / Literacy Needs	Struggle reading trade vocabulary, instructions, signage	Icon-based safety boards, colour coding, tool picture glossaries	Picture-based instructions, task cards, taped floor route markers	Voice notes instead of writing logs, simplified forms, word banks	Correct terminology used verbally, independence following visuals

Numeracy Needs	Difficulty measuring, calculating angles, ratios (mortar, cuts, courses)	Use measuring jigs, templates, pre-marked practice material, repeat drills	Pre-drawn gauge rods, colour tape for spacing, scaffolded measurement tasks	Measurement tolerance mark sheets, model examples, structured re-tests	Consistent accurate cuts, correct mortar ratios, level & plumb checks improving
Physical / Motor Needs	Fine motor challenges with tools, fatigue, coordination issues	Ergonomic tools, pacing, rests, chunk tasks, hand-over-hand demo option	Light-weight trowels/planes, stabilising jigs, adjustable benches	Photo evidence + verbal explanation instead of heavy build tasks	Safe tool use, improved technique repetition, achieved finish tolerance
Sensory Needs	Noise, dust, vibration overwhelm	Noise cancelling PPE, scheduled quiet tasks, predictable sensory plan	Dust-free demo bay, extraction fan, transparent visors, gloves	Alternative tasks (bench joinery instead of roofing exterior work)	Participates with adaptations, reduced sensory distress
ESOL / Language Needs	Tool terms, instructions, safety language confusion	Bilingual tool sheet, gesture-based demo, slowed modelling, peer buddy	Labelled tool boards, picture signage, colour-coded PPE zones	Verbal Q&A instead of extended written tasks, translation app support	Correct tool naming, follows safety language cues, labelled work evidence
High Ability / Stretch	Under-stimulation, fast finishers, desire to lead	Extension builds (arch, dovetail, hip/valley roof), student mentor task	Lead demonstrating safe tool technique to peers	Extra challenge marking rubrics, self-chosen project	High finish quality, leadership in workshop safety culture

Teachers must annotate weekly planning to evidence differentiation and EHCP delivery.