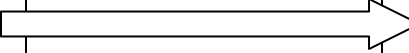


# Task Demands and Behavioral Responses in Allen Cognitive Level Screen Tasks

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ACLS Task		Running Stitch	Whipstitch	Single Cordovan Stitch
		Least Complex		Most Complex
<b>Task Demands</b>	<b>Learning</b>	Imitate one/two actions, repeated	Imitate short sequence of steps	Discover or imitate long sequence of steps
	<b>Visual &amp; tactile cues</b>	Familiar objects within reach Shape, size, texture, holes, lines Resistance	Striking visual features of sides (leather & lace color and texture) Shape of lace (flat & twisted, cross-in-back, angle over edge, #)	Small features of complex stitch (knot)  Tension & tightness
	<b>Spatial cues</b>	1 surface at a time (leather)  Through (hole)  Next to (holes) Moving from left to right (direction)	2 surfaces (leather) Over (edge) & through Top & bottom (lace) Front & back (leather) Right & left (X in back) Rotation (twist in lace) Moving lace towards/away from self	Over, under, around, through  Negative space (loop and knot tension)
	<b>Verbal cues</b>	Nouns & verbs describing actions (directions: "You do it"; prompts: "Make more stitches")	Adjectives & adverbs describing properties (smooth, rough, light, darker, flat, same, different, number) Goal: "Match sample"	Adjectives & adverbs (same as 4)  Verbal hint (orienting)  Goal: "Make stitch without demonstration"
<b>Behavioral Responses</b>	<b>Motor actions</b>	Grasp & hold  Push & pull	Reverse actions (remove errors)  Untwist lace	Alter sequence of steps; vary tightening methods  Tighten in small space (fine motor)
	<b>Verbal statements</b>	Answer 1 yes/no question ("Can you see holes?")	Answer 2+ questions ("Match sample? Find error?" "Find error?")	Request assistance
	<b>Intention (inference)</b>	Imitate actions  Repeat actions	Match sample 3 times  Solve 2 WS errors	Discover stitch through self-directed learning  Make 3 correct stitches