

## Identification of Fragile X Learning Profile

<b>Motor Domain</b>	<b>YES</b>	<b>NO</b>
Praxis functions: are there difficulties in the following areas-		
Imitation		
Ideation	X	
Planning and Sequencing	X	
Execution		
Monitoring		
Neuromotor Functions: are there difficulties in the following areas-		
Muscle Tone	X	
Postural Skills	X	
Ocular Skills		
Balance	X	
Lateralization and Bilateral Coordination		
<b>FX Neurobiology Domain</b>	<b>YES</b>	<b>NO</b>
Anxiety & Hyperarousal: are there difficulties in the following areas-	XX	
Sympathetic Hyperarousal		
Emotional Hyperconnectivity	XX	
Sensory Over Responsivity	XX	
Approach/Avoidance	XX	
Inhibition	X	
Poor Eye Contact	X	
Too direct of instruction or interaction	X	
Perseveration	X	
Selective Mutism	?	
<b>Cognitive and Language Domains</b>	<b>YES</b>	<b>NO</b>
Please note here: overall Cognitive and Adaptive Skills and Abilities - On DAS-II: V:84; NV:66 Spat:43 GCA:56 Special NV Comp:47		
Simultaneous vs. Sequential Processing		X
Are they a sequential learner for math, reading and skill development		
Are they a gestalt learner for math, reading and skill development	X	
Executive Function Skills: are there difficulties in the following areas-	X	
Poor inhibitory Control		
Impulsivity		
Hyperactivity		
Perseveration	X	
Visual Learning: Do they have-	X	
Visual Gestalt Preference		
Visual Perceptual Gestalt strength	X	
Visual Spatial Memory strength	X	
Visual Motor Difficulties	X	

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<i><b>Cognitive and Language Domains, cont'd</b></i>	YES	NO
Auditory Processing: Do they have- <i>Short Term Auditory Memory Difficulties</i>	X	
<i>Incidental Learning Strength</i>	X	
<i>Attuned to Rhythmicity and Social Nature of Interactions</i> <i>vs. sequential language content</i>	X	
Social Cognition: Do they have- <i>Sense of Humor</i>	X	
<i>Empathy</i>	X	
<i>Perspective Taking</i>	X	
<i>Theory of Mind</i>	X	
<i><b>Autism (if present):</b></i> Do they have-	YES	NO
Social Understanding and Connection		
Social Cognition from above		
Imitation Skill		
<p><i><b>Summary of Strengths</b></i></p> <p><i><b>Motor</b></i> Strong verbal and motor imitation skills</p> <p><i><b>FX Neurobiology</b></i> Incidental learning and imitation make her skills seem higher,</p> <p><i><b>Cognitive/Language</b></i> Simultaneous, NOT sequential learner, visual gestalt preference, strong memory for routines, seeks out social interactions, socially motivated, enjoys telling “jokes”, strong receptive and expressive language</p> <p><i><b>Autism</b></i> No diagnosis of autism</p>		
<p><i><b>Summary of Weaknesses</b></i></p> <p><i><b>Motor</b></i> ideation, planning and sequencing are poor</p> <p><i><b>FX Neurobiology</b></i> baseline of anxiety and hyperarousal quite high, can get flooded, can hyperventilate, shallow breathing, vomit, hypervigilant, can get avoidant as well and use whisper voice (? Moving into selective mutism?), uses self talk when anxious, can get emotionally labile</p> <p><i><b>Cognitive/Language</b></i> not sequential learner; overall cognitive skills below average</p> <p><i><b>Autism</b></i> No diagnosis of autism</p>		