

26 Learning abilities.

SOI Ability	Academic Skill	Curriculum Area	Advantages if Well-Developed	Consequences if Undeveloped
CFU: Comprehension of Figural Units	Visual closure	Reading readiness	Excellent comprehension of visual details	Will not see word completely
CFC: Comprehension of Figural Classes	Visual conceptualization	Reading readiness	Good foundation for conceptualization	Difficulty with classification
CFS: Comprehension of Figural Systems	Constancy of object in space	Mathematics	Able to see spatial relationships	Difficulty manipulating spatial relationships
CFT: Comprehension of Figural Transformations	Spatial conservation (Piaget)	Mathematics	Able to orient object in space; good perspective	Difficulty with perspective; inhibited in geometry
CSR: Comprehension of Symbolic Relations	Notational relations	Arithmetic/Math	Able to see symbolic interrelationships	Difficulty with discovery method
CSS: Comprehension of Symbolic Systems	Notational progressions	Arithmetic/Math	Good command of arithmetic facts	Weak on arithmetic facts
CMU: Comprehension of seMantic Units	Sight Vocabulary	Reading & Language Arts	Understands meanings and nuances	Will have word holes in sentences
CMR: Comprehension of seMantic Relations	Verbal relations (analogies)	Reading & Language Arts	Able to see verbal associations	Poor at analogies
CMS: Comprehension of seMantic Systems	Extended verbal comprehension	Reading & Language Arts	Understands complicated verbal information	Inability to track long or involved sentences
MFU: Memory for Figural Units	Memory for visual details	Reading & Language Arts	Able to remember incidental information	Weak in memory for details
MSUv: Memory for Symbolic Units – visual	Visual attending	Reading readiness	Good with visual details; memory for symbols	Difficulty with spelling; loses visual concentration
MSSv: Memory for Symbolic Systems – visual	Visual sequencing	Reading readiness	Good memory for visual sets, series, and sequences	Will not be able to hold and process or sequence data
MSUa: Memory for Symbolic Units – auditory	Auditory attending	Arithmetic	Good with auditory details	May have auditory discrimination problems
MSSa: Memory for Symbolic Systems-auditory	Auditory sequencing	Arithmetic	Good with auditory sets, series and sequences	Unable to hold information presented orally
MMI: Memory of seMantic Implications	Verbal Implications	Language Arts	Able to comprehend “whole” from partial information; intuitive	Unable to work with abstract or incongruous info
EFU: Evaluation of Figural Units	Visual discrimination	Reading readiness/spelling	Able to make visual judgments	May mistake letters or omit small words in sentences
EFC: Evaluation of Figural Classes	Judging similarity of concepts	Reading readiness	Good at organization and classification	Problems with similarities and differences
ESC: Evaluation of Symbolic Classes	Notational concepts	Arithmetic/Mathematics	Able to conceptualize symbolic data	Difficulty using set concepts; with new math
ESS: Evaluation of Symbolic Systems	Notational processes	Arithmetic/Mathematics	Good at selecting numerical processes	Prone to math anxiety; uncomfortable with ambiguity
NFU: coNvergent production of Figural Units	Psychomotor coordination	Writing	Neat and careful with details	Slow at work requiring hand/eye coordination
NSS: coNvergent production of Symbolic Systems	Problem-solving with ‘math facts’	Arithmetic	Good command of arithmetic processes	Difficulty with seeing arithmetic solutions
NST: coNvergent production of Symbolic Transformations	Speed of word recognition	Reading	Able to scan data rapidly; excellent for programming	Loses place while reading; skipping words or lines
NSI: coNvergent production of Symbolic Implications	Form reasoning and logic	Mathematics	Able to utilize good reasoning and logic	Will have difficulty with thought problems
DFU: Divergent production of Figural Units	Creativity with things	Spatial/Graphic arts	Good fluency and confidence with ideas	Inhibited in tasks lacking explicit instructions
DMU: Divergent production of seMantic Units	Creativity with words and ideas	Creative writing	Ability to produce ideas and put them together	Will be slow and/or pedantic in writing
DSR: Divergent production of Symbolic Relations	Creativity with notation relations	Mathematics/Programming	Confident and willing to explore with symbolics	Difficulty with new math concepts

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