

**Broad Domain Markers**

**Narrow Domain Markers**

**Most Relevant WJ III Clusters**

**Most Relevant WJ III Tests**

*Gsm* Short-Term Memory

Work Mem (MW)

Working Memory

Aud Work Mem (MW)  
Understanding Dir (LS MW)

*Gs* Processing Speed

Perc Spd (P)

Processing Speed

Visual Matching (P)

*Gc* Crystallized Intelligence

Lang Dev (LD)  
Lex Know (VL)

Comp-Knowledge  
Oral Language

Verbal Comp (LD/VL)

*Glr* Long-Term Retrieval

Assoc Mem (MA)  
Nmg Facility (NA)

Long-term Retrieval  
Cognitive Fluency

Vis-Aud-Lrng (MA)

*Ga* Auditory Processing

Phon Aware (PC)  
Gen Snd Disc. (US)

Phonemic Awareness 3  
Phonemic Awareness  
Auditory Processing

Snd Awareness (PC, MW)

**Hypothesized CHC Domain-Specific LD Constellation and WJ III Relevant Measures: Basic Reading Skills (Ages 6 to 8)**

Significant - most salient  
 Significant



**Broad Domain Markers**

**Narrow Domain Markers**

**Most Relevant WJ III Clusters**

**Most Relevant WJ III Tests**

**G<sub>sr</sub> Short-Term Memory**

**Work Mem (MW)**

**Working Memory**

**Aud Work Mem (MW)  
Understanding Dir (LS MW)**

**G<sub>s</sub> Processing Speed**

**Perc Spd (P)**

**Processing Speed**

**Visual Matching (P)**

**G<sub>c</sub> Crystallized Intelligence**

**Lang Dev (LD)  
Lex Know (VL)**

**Comp-Knowledge  
Oral Language**

**Verbal Comp (LD/VL)  
General Information (K0)  
Oral Comp. (LS)**

**G<sub>lr</sub> Long-Term Retrieval**

**Nmg Facility (NA)  
Assoc. Mem. (MA)**

**Cognitive Fluency**

**Vis-Aud-Lrng (MA)  
Rapid Picture Naming**



**G<sub>a</sub> Auditory Processing**

**Phon Aware (PC)  
Gen Snd Disc. (US)**

**Phonemic Awareness 3  
Phonemic Awareness  
Auditory Processing**

**Snd Awareness (PC, MW)**

**Hypothesized CHC Domain-Specific LD Constellation and WJ III Relevant Measures: Reading Comprehension (Ages 6-8)**

 **Significant - most salient**  
 **Significant**

**Broad Domain Markers**

**Narrow Domain Markers**

**Most Relevant WJ III Clusters**

**Most Relevant WJ III tests**

*Gsn* Short-Term Memory

Work Mem (MW)

Working Memory

Numbers Rev. (MW)  
Aud Work Mem (MW)

*Gs* Processing Speed

Perc Spd (P)

Processing Speed

Visual Matching (P)  
Pair Canc. (R9/AC?)

*Glr* Long-term Retrieval

Assoc. Mem (MA)  
Nam. Facility (NA)

Long-term Ret  
Cog. Fluency

Vis-Aud. Lrng (MA)  
Rapid Pic. Naming (NA)



*Gf* Fluid Intelligence

Gen Seq Reas (RG)  
Induction (I)  
Quant Reas (RQ)

Fluid Reasoning

Analysis-Synthesis (RG)  
Planning (?)

**Hypothesized CHC Domain-Specific LD Constellation and WJ III Assessment: Math Calculation Skills (Ages 6 to 8)**

 Significant - most salient  
 Significant

**Broad Domain  
Markers**

**Narrow Domain  
Markers**

**Most Relevant  
WJ III Clusters**

**Most Relevant WJ III  
tests**

**G<sub>sn</sub> Short-Term  
Memory**

Work Mem (MW)

Short-Term Memory

Aud Work Mem (MW)  
Understanding Dir (MW LS)

**G<sub>s</sub> Processing  
Speed**

Perc Spd (P)

Processing Speed

Visual Matching (P)  
Pair Cancellation (R9)

**G<sub>c</sub> Crystallized  
Intelligence**

Lang Dev (LD)  
Lex Know (VL)  
List Ability (LS)  
Gen Info (K0)

Comp-Knowledge  
Oral Language

Verbal Comp (LD/VL)  
Academic Know (K0/3)



**G<sub>f</sub> Fluid  
Intelligence**

Gen Seq Reas (RG)  
Induction (I)  
Quant Reas (RQ)

Fluid Reasoning

Analysis-Synthesis (RG)  
Concept Formation (I)

**Hypothesized CHC Domain-  
Specific  
LD Constellation and WJ III  
Assessment: Math Reasoning  
(Ages 6 to 8)**

 **Significant - most salient**  
 **Significant**