

Using the Building Blocks of Brain Development to Understand and Assess Learning Disabilities

Module 6: BBBD and Reading, Writing and Math Disorders

- Module 6.1 BBBD and Reading, Module 6.2 BBBD and Math, Module 6.3 BBBD and Writing
 - “Why” a student is failing is typically answered by finding the crack in one or more blocks of the lower levels of the BBBD
 - SLD and BBBD Profile
 - Fundamental Blocks
 - Memory
 - Executive Functioning
 - Processing Speed
 - Higher Order Areas
 - Reading- Language/Phonological
 - Math- New Learning and Visual Spatial
 - Writing- Visual Spatial and Sensory Motor
 - Identifying SLD
 - RTI and standardized testing scores are below average
 - 3 factor model ensures comprehensive evaluation
 - Reading
 - Phonological Skills and Processing Speed assessed
 - Math
 - Working Memory, Nonverbal, Spatial Reasoning
 - Gather several perspectives
 - Account for exclusionary factors
 - One or more cognitive deficits confirmed
 - Special Considerations
 - Different subtypes of reading disorders
 - Reading disorders may have multiple dysfunctional brain areas
 - ADHD and SLD have high correlation
 - Responsive to phonologically based treatments, but not 100%
 - Students with math disorders may struggle in other subjects because nonverbal reasoning is associated with “broader” learning problems

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