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**Slides from the Redbank Conference 2010 will be posted on my website:**

**Doorways to Success:** [**http://www.doorwaystosuccess.info**](http://www.doorwaystosuccess.info)

**References and Resources:**

**Books**:

1) Blakemore, S., & Frith, U. (2005). *The learning brain: Lessons for education.* Oxford, UK: Blackwell.

2) Strauch, B. (2002). *The primal teen: What the new discoveries about the teenage brain tell us about our kids.* New York: Doubleday.

**Web Sites:**

Both these websites are based on research by international experts in neuroscience and brain research. All of the material is well documented and very reliable. In both cases the scientists have developed outreach programs to educate parents, teachers and the general public about current findings in neuroscience and how these findings can affect our lives. They also contain many links to other reliable web sites.

Society for Neuroscience.

<http://www.sfn.org>

Dana Foundation

<http://www.dana.org/resources/brainykids/>

<http://www.dana.org/brain.aspx>

A great game for teaching kids about neuroscience

<http://www.brainsrule.com/kids/games/ei.htm>

**Journal Articles: \*\*\*\* indicates an easy read for teachers.**

**Executive Function**

Blakemore, S., & Choudhury, S. (2006). Developmen of the adolescen brain: implications for executive function and social cognition. *Journal of Child Psychology and Psychiatry*, 47:3/4, pp. 296-312.

**Special Education**

**Learning Disabilities**

McBride, H.E.A., & Seigel, L.S. (1997) Learning Disabilities and Adolescent Suicide. *Journal of Learning Disabilities,* 30, pp. 652-659.

Daniel, S.S., Walsh, A.K., Goldston, D.B., Arnold, E.M., Reboussin, B.A. & Wood, F.B. (2006). Suicidality, school dropout, and reading problems among adolescents. Journal Of Learning Disabilities, 39(6), **6,** 507-514.

**Autism**

Iacoboni, M. & Dapretto, M. (2006).The mirror neuron system and the consequences of its dysfunction. Nature Reviews, Neuroscience, December, (7), 942-951.

**ADHD**

Shaw, P., Eckstrand, K., Sharp, W., Blumenthal, J., Lerch, J.P., Greenstein, D., Clasen, D., Evans, A., Giedd, J., & Rapoport, J. (2007). Attention/deficit/hyperactivity disorder is characterized by a delay in cortical maturation. *Retreived from http://www.pnas.orgcgidoi10.1073pnas.0707741104*

Soderlund, G., Sikstrom, S., & Smart. A. (2007).

Listen to the noise: noise is beneficial for cognitive performance in ADHD. *Journal of Child Psychology and Psychiatry*, 48:8, pp. 840-84.

\*\*\*\*Tannock, R. & Martinussen, R. (2001). Reconceptualizing ADHD. *Educational Leadership* 59.3 (2001):20-25.

Thapar, A., Holmes, J., Poulton, K., & Harrington, R. (1999). Genetic basis of attention deficit and hyperactivity. *The British Journal of Psychiatry*, 174(2), 105-111**.**

**Reading**

\*\*\*\*Lovett, M., Lacerenza, L., & Borden, S. L. (2000). Putting Struggling Readers on the PHAST Track: A Program to Integrate Phonological and Strategy-Based Remedial Reading Instruction and Maximize Outcomes. Journal of Learning Disabilities, 33(5) 458-76.

Nation, K. (2006). Reading and genetics: An introduction. Journal of research in reading, 29(1), 1-10.

Pugh et al., (2001). *Journal of Communication Disorders*, (34), 479-492.

Shaywitz, E, & Shaywitz, A. (2008). Paying attention to reading. The neurobiology of reading and dyslexia. Development and psychopathology, 20(4), 1329-.

Veuillet, E., Magnan, A., Ecalle, J., Thai-Van, H., & Collet, L.

(2007). Auditory processing disorder in children with reading disabilities: effect of audiovisual training. *Brain*, 130, pp. 2915-2928.

**Mathematical Disabilities - Dyscalculia**

\*\*\*\*Butterworth, B. (2005). The development of arithmetical abilities. Journal of child psychology and psychiatry and allied disciplines, 46(1), 3-18.

Paterson, SJ. (2006). Are numerical impairments syndrome specific? Evidence from Williams syndrome and Down. Journal of child psychology and psychiatry and allied disciplines, 47(2), 190-204.

Piazza, M. (2006). Exact and approximate judgments of visual and auditory numerosity: An fMRI study. Brain Research, 1106(1)  
Siegler, R.S. &. Ramani, G. B. (2008). Playing linear numerical board games promotes low-income children's numerical development. Developmental Science, 11(5), pp 655–661

**Interventions**

\*\*\*\*Fuchs, D., & Fuchs, L. (2006). Introduction to Response to Intervention: What, why, and how valid is it? Reading Research Quarterly, 41(1), 93-108

\*\*\*\* Nesbit, J. & Adescope, O. (2006). Learning with concept and knowledge maps: A meta-analysis. Review of Educational Research, 76(3), 413-448.

\*\*\*\*Vellutino F. R., Scanlon, D. M., Small, S. & Fanuele, D. P. (2006). Response to Intervention as a Vehicle for Distinguishing Between Children With and Without Reading Disabilities: Evidence for the Role of Kindergarten and First-Grade Interventions. Journal of Learning Disabilities, 39(2), 157-69.