

Reading Disorders: How *The Brain & Learning* Can Help

Definition

Reading is the processing of understanding language by interpreting written symbols for speech sounds. Poor readers are often labeled as “dyslexic,” which simply means “poor with words” or “poor reading skills.”

Diagnosing reading difficulties

Parents and/or teachers are usually the first to notice reading problems in children. The Brain & Learning provide a professional cognitive skills assessment to pinpoint the exact cause of learning problems. The tests measure all cognitive skills including memory, processing speed, visual and auditory processing, logic and reasoning, and attention.

In people with reading difficulties, the weakest cognitive skills are phonemic awareness and auditory processing, although other areas may suffer as well.

Treatments

- Professional eye exams can first rule out or correct a vision problem.
 - Unlike tutoring, which works on specific academic subjects (like History), LearningRx’s cognitive skills training attacks the *root causes* of reading struggles by strengthening weak cognitive skills - especially phonemic awareness and auditory processing.
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Call The Brain & Learning today to learn more about cognitive skills testing!

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Symptoms of reading difficulties

- Struggles pronouncing new words
 - Weak at letter sound discrimination (pin, pen)
 - Poor at distinguishing similarities/differences in words (no, on)
 - Difficulty transferring what is heard to what is seen and vice versa
 - Low reading comprehension
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Characteristics of a struggling reader

- Family history of reading problems
 - Predominant in males (2:1, Male: Female)
 - Average/above average IQ
 - Math proficiency not uncommon
 - No enjoyment of leisure reading
 - Poor spelling
 - Auditory language difficulties in word finding, fluency, meaning, or sequence
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Fact

Multiple brain imaging studies have shown that the brains of dyslexic students and other poor readers were permanently rewired to overcome reading decits with training.

