

Application to Assist Children with Dyslexia

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Abstract: *Learning is necessary for success in the childhood educational and future adult work environment. This article reviews the changing terminology for specific learning disabilities (SLD) in reading, mathematics, and many more and describes the emerging genetics and neuroimaging studies that relate to individuals with learning disabilities. It is important to maintain a developmental perspective on learning disabilities, as presentation changes with age, instruction, and the different models (educational and medical) of identification. Intervention requires a systematic approach to screening and remediation that has evolved with more evidence-based literature. Newer directions in behavioral, educational, and novel interventions are described. In this study, we have created an interactive and user-friendly platform to help parents or teachers to identify symptoms of Dyslexia in children. As the parents can identify these symptoms at an early age, it would be beneficial for the kid's future. This is because the early diagnosis will alert parents and encourage them to get trained, resulting in them being ready to help their kids at an earlier stage. As a result, early detection and diagnosis of Dyslexia would help in growing confidence among children, which would benefit the child's future as it would make learning easy for them.*

Keywords: Dyslexia, Intervention, Accessibility, Authentication, Login, learning disorders; Mathematical disability; childhood; interventions

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