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Inspiring Minds

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## Developing Accessible Instructions for an Online Screener of Cognitive Impairments

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## Inspiring Minds Submission

### Developing Accessible Instructions for an Online Screener of Cognitive Impairments

Abigail Hennessy

An unmet need in the care for children with neurodevelopmental disorders (NDDs) (e.g., ADHD, autism spectrum disorder), is identifying cognitive difficulties. Presently, most cognitive assessments are administered in-person by a clinician. Although some tests are available online, they are geared towards high-functioning, verbal children. Thus, families often lack access to these evaluations and children's difficulties may go undetected, leading to significant challenges at school. COVID-19 has made accessing services for children with NDDs even more challenging. Cambridge Brain Sciences (CBS) has pioneered online cognitive testing in adults and adolescents. However, these tests are not yet adapted for children with learning difficulties who have limited reading abilities. My research focuses on developing audiovisual instructions for this online tool, to help make cognitive screening more accessible. Successfully adapting these instructions for children with NDDs would extend the potential use of this widely used platform, to younger individuals with diverse needs.