

How AI-Learners Can Help Kids with Rett Syndrome Learn Math

By Adele Smolansky

Adele is a Guest Blogger and a senior studying Computer Science at Cornell University. She is also the founder of an educational technology start-up that makes fun and accessible math games for students with disabilities!

My younger sister Lara has a severe disability called Rett Syndrome. Growing up, I watched her struggle to learn math online. A few years ago, I wondered, “Do other kids with disabilities face this problem too?”

To answer this question, I spoke to over 100 parents and teachers of kids with disabilities. They told me that many students, including those with Rett Syndrome, struggle to learn math from current math websites like IXL and SplashLearn.

To solve this problem, I used my experience studying computer science at Cornell University and interning at Google as a software engineer to create AI-Learners! AI-Learners is an educational website that has math games specifically designed for kids with disabilities to learn math. To learn more, visit www.ai-learners.com or keep reading!



Adele's Inspiration

My sister Lara is my inspiration for creating AI-Learners. She is 13 years old, and she has been eager to learn new things since she was very young. My goal is to help Lara and many other students with disabilities have the proper resources to learn math.



The Problem

Current websites fall short for students with disabilities like Rett Syndrome because these websites are designed for the general student population.

To start, these websites require parents and teachers to choose the difficulty level of each game before students can play. But it's hard to know which level to choose when students' math levels don't align to traditional grade levels. Thus, students might end up playing games that are too easy or too hard.

The engagement features on current websites also fall short for students with disabilities. For example, some websites have overwhelming animations that produce stress rather than enjoyment for students with cognitive disabilities. Other websites do very little to engage kids as they learn, so students quickly lose focus.

Our Solution

AI-Learners is the first math website that meets the complex needs of students with Rett Syndrome!

Our games are accessible, engaging, and personalized to ensure that students can effectively learn math at their own pace. As your student practices their math skills, we share clear analytics to help you understand your child's learning.

Making A Difference

Over 100 kids with disabilities have already tried playing our games! This summer, we visited schools in New York City to play our math games with students and receive valuable feedback from their teachers.



Kids had a really fun time playing the AI-Learners math games, and they are excited to keep practicing their math skills! Please check out www.ai-learners.com if you know a child who could also benefit from our fun math games :)