

Dyscalculia Awareness & Support

Understanding, Training, and Resources for Lifelong Mathematical Success

What Is Dyscalculia?

Dyscalculia is a specific learning difference that affects an individual's ability to understand, learn, and perform math and number-based operations. Often referred to as "math dyslexia," dyscalculia is a distinct neurological condition that impacts how the brain processes numerical information. While it is estimated that between 3% and 7% of the population experience dyscalculia, awareness of this condition remains limited in mainstream education and society.

People with dyscalculia may find it challenging to grasp basic arithmetic concepts (such as addition, subtraction, multiplication, and division), recognize numerical patterns, or understand time and measurement. Unlike typical struggles with math, dyscalculia persists despite adequate instruction and effort. It is not a reflection of intelligence or motivation, but rather a difference in the way the brain interprets quantities.

The signs of dyscalculia can appear early—often in preschool or elementary school—and may include limitation in subitizing (instantaneously recognizing a small quantity), difficulty counting, comparing groups, confusion with math symbols, trouble recalling math facts, difficulty interpreting word problems, and anxiety in math-related situations. In adults, dyscalculia can affect everyday tasks such as budgeting, measuring ingredients, or reading timetables. Frequently, these challenges lead to frustration, lowered self-esteem, and a lack of confidence that can spill into other academic or professional areas.

It is important to note that dyscalculia is not simply a result of poor teaching, lack of practice, or laziness. Instead, it is a recognized neurodevelopmental difference, much like dyslexia (which affects reading) or dysgraphia (which impacts writing and fine motor skills). Research has shown that early identification and targeted support can make a significant difference, helping individuals manage their challenges and discover strengths they may not have realized.

Introducing Our Online Training Options

Recognizing the unique challenges that individuals with dyscalculia face, our organization has connected research and longstanding experience with providing intervention for students and adults to develop a range of training options, designed to provide practical support and skill-building opportunities for Teachers, Parents, Tutors and those who have trouble with math.

- **Dyscalculia Awareness training**
A quick introduction to dyscalculia, recognizing early signals, screening methods, and classroom accommodation
- **Dyscalculia Tutor Training**
Designed for teachers and tutors to help children with dyscalculia, with materials available from day one and a self-paced curriculum. The full training has five modules, basic, fractions decimals and percent, algebra, geometry and data analysis. All modules can be done [separately](#) or acquired as a bundle.
- **Dyslexia tutors' extension training into dyscalculia (dys4dys)**
Training specifically for dyslexia tutors who want to expand their knowledge to be able to support students with math troubles.
- **Master Arithmetic with Tools at Home**
A video series that helps parents work with their children on their math problems or Dyscalculia. It splits out the various causes of trouble with math, early numeracy problems, memory, processing speed, visual spatial issues, math anxiety, and dyscalculia. Dr Schreuder offers hand-on help for all these causes and then goes on to show a vast number of demonstrations of the most popular tools and shows how to use them and what to use them for.
- **Math in real life**
A video series with over 35 videos by Dr Schreuder. She explains some basic math but mainly walks through real life situations and tells you exactly how your math can help you feel more confident making choices.
- **Math Homework Help aka Moms Teach Math**
35 videos with clear demonstrations of how to work with your child on Elementary School Math
- **Masterclass Smart Number Lines**
Number Lines can be used as an anchor for students throughout their math journey at all levels of school, learn how to use them effectively from Dr Schreuder

You can [schedule an initial assessment](#) with our team to determine which program best fits your needs.

Explore Our Online Resources

In addition to our in-person and virtual training options, we offer a comprehensive suite of online resources to support learners at every stage. These resources are accessible from anywhere in the world and are designed to be user-friendly, adaptable, and engaging.

- **[Dyscalculia Services](#)**

Our main website with information about all we do and options to contact us to schedule consultations.

- **[Adult Dyscalculia](#)**

A website with information and resources specifically for adults who may have dyscalculia.

- **[Dyscalculia Headlines](#)**

News about developments in the world of Dyscalculia. It ranges from research to tools, personal stories and much more.

- **[Dyscalculia Podcasts](#)**

An engaging talk with two hosts about the links provided on Dyscalculia Headlines. More in depth and easy to listen to from wherever you get your podcasts.

- **[Dyscalculia Webinars](#)**

Every weekday our informative webinars repeat at 7:30 pm in three time zones from all over the world. See Dr Schreuder explaining the most important information.

- **[Math Assessment Reasoning and Strategy](#)**

The Math Assessment Reasoning and Strategy system (MARS for short) is an organized way to interview students and find out what reasoning capabilities and skills they have already developed and what strategies they use. Find all the free tools you need on this site.

- **[Dyscalculia Screeners](#)**

An easy free option to find out if there is a chance that children or adults would have dyscalculia.

- **[Dyscalculia Testing](#)**

A more in-depth screener for the level of math operations and numeracy. For a full diagnostic assessment contact us [HERE](#)

- **[Dyscalculia Toolkit](#)**

A treasure trove of downloadable documents, games, tools and manipulatives to support math learning.

- **[Dyscalculia.ai](#)**

Our digital assistant who tries to answer your questions about our business and dyscalculia, but remember, it is still learning and may sometimes get it wrong.

Learn about our In Person Training options

- **Professional Development**

Options to provide training in how to work with dyscalculia, either as a stand alone module or as part of your professional development program. Reach out to discuss details.

- **Workshops**

From time to time, we organize workshops about dyscalculia in the greater Houston Texas area. Also it is possible to book a workshop at your location, reach out for details and options.

- **Speaking engagements and consulting**

Dr Schreuder is available for keynote speeches and consulting arrangements.

[Contact us](#) for details.

Get Involved and Stay Connected

We invite you to take advantage of our training options and online resources, whether you are personally affected by dyscalculia or wish to support someone who is. Our mission is to foster understanding, provide effective interventions, and encourage a collaborative, inclusive approach to mathematical learning.

If you'd like more information or to schedule a training session, please contact us through our website. Don't forget to [sign up for our newsletter](#) to receive regular updates, tips, and special event announcements.

Together, we can break down barriers, build confidence, and unlock the mathematical potential in every learner.



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