

Dyscalculia: Selected resources for information and instruction

<https://blog.brainbalancecenters.com/2016/10/7-practical-ways-parents-can-help-child-dyscalculia>

For parents math activities.

<https://www.additudemag.com/what-is-dyscalculia-overview-and-symptom-breakdown/> What Is Dyscalculia? Math Learning Disability Overview Dyscalculia is a learning disability that makes math challenging to process and understand. Symptoms range from difficulty with counting and basic mental math to trouble with telling time and direction. Learn more about this math learning disability, including potential causes and treatments here.

<https://www.dyscalculia.org/> Comprehensive site for resources and information.

<https://www.webmd.com/add-adhd/childhood-adhd/dyscalculia-facts>

What Is Dyscalculia? What Should I Do if My Child Has It?

https://www.youtube.com/watch?v=HVf_OHK2hHQ Horowitz Dyscalculia

[The National Center for Learning Disabilities](#) Dyscalculia refers to a wide range of lifelong learning disabilities involving math. Listen to Dr. Horowitz talk about dyscalculia and the different elements of dyscalculia.

<http://www.ldonline.org/cse/?cx=018213866340234083221%3Ahh6qnz0cy2u&cof=FORID%3A10%3BNB%3A1&ie=UTF-8&q=dyscalculia&sa.x=0&sa.y=0> LDONLINE Dyscalculia

<https://www.youtube.com/watch?v=GRJS-jeZ7Is>

Dyscalculia may not sound familiar, but this math learning difference may be quite common, says our expert. Watch this video to learn more about dyscalculia and how kids with this specific learning difference may struggle with math. In this video, Daniel Ansari, PhD, Professor and Development Cognitive Neuroscientist at Western University, explains the specific learning difference known as dyscalculia. Kids with dyscalculia may struggle with basic math concepts. Dyscalculia affects kids with at social and in their everyday life. Kids with dyscalculia may have difficulties with how to make exact change or how to measure the right amount of an ingredient. Watch as Dr. Ansari explains common dyscalculia symptoms, when they might occur, and tips to help your child overcome math challenges.

https://ies.ed.gov/ncee/wwc/Docs/PracticeGuide/rti_math_pg_042109.pdf

Assisting Students Struggling with Mathematics: Response to Intervention (RtI) for Elementary and Middle Schools

The goal of this practice guide is to formulate specific and coherent evidence-based recommendations for use by educators addressing the challenge of reducing the number of children who struggle with mathematics by using “response to intervention” (RtI) as a means of both identifying students who need more help and providing these students with high-quality interventions. The guide provides practical, clear information on critical topics related to RtI and is based on the best available evidence as judged by the panel. Recommendations in this guide should not be construed to imply that no further research is warranted on the effectiveness of particular strategies used in RtI for students struggling with mathematics.

http://www.doe.virginia.gov/special_ed/iep_instruct_svcs/index.shtml VDOE General information on IEPs

http://www.doe.virginia.gov/special_ed/disabilities/learning_disability/learning-disabilities-mathematics.shtml

Learning disabilities and math instruction- VDOE links to multiple resources.

The screenshot shows a web browser window displaying the Virginia Department of Education's (VDOE) Special Education IEP & Instruction page. The page header includes the Virginia Department of Education logo and navigation links. The main content area is titled "IEP & INSTRUCTION" and features a "News & Announcements" section with the heading "Learning Disabilities in Mathematics Resources". This section contains two bullet points: one about the "Students with Disabilities in Mathematics: Frequently Asked Questions" document and another about the "Evidence-Based Specially Designed Instruction in Mathematics Resource Guide". Below this is a section for "Co-teaching Mathematics Instructional Plans (MIPs)" with a link to "Co-teaching Mathematics Instructional Plans (2016 SOL)". An "Overview" section defines an Individualized Education Program (IEP) and lists its key components: starting at the beginning of each school year, providing services before special education, and acting as soon as possible after parental consent. A right-hand sidebar lists various resources such as "Accessible Instructional Materials (AIM)", "Assessment & Accommodations", and "Assistive Technology". The browser's address bar shows the URL: www.doe.virginia.gov/special_ed/iep_instruct_svcs/index.shtml. The Windows taskbar at the bottom indicates the time is 3:43 PM on 9/22/2020.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1550244/>

Principles underlying the design of "The Number Race", an adaptive computer game for remediation of dyscalculia (Game is available free access)