

# Resource List for Mathematics

SSD Family & Community Resource Center

Parent Education & Diversity Awareness

12110 Clayton Road

St. Louis, MO 63131

314-989-8438/989-8108/989-8194

## **Mathematics Education for Students with Learning Disabilities (1998)**

Latest theories, understandings, issues and practices regarding the development, implementation and evaluation of effective mathematics programs for students with learning disabilities.

## **Number Sense and Number Nonsense: Understanding the Challenges of Learning Math. Nancy Krasa & Sara Shunkwiler (2009)**

An up-to-date review if everything you wish to know about mathematical disabilities in children.

## **Practical Mathematics: for Children with an Autism Spectrum Disorder and Other Developmental Delays. Jo Adkins & Sue Larkey (2012)**

Topics covered include colours, shapes, categories, numerals, sequencing, addition and subtraction and using money, and the book includes worksheets and activities for incorporating mathematics into daily living skills

## **Teaching Inclusive Mathematics to Special Learners (K-6). Julie A. Sliva (2003)**

Arm yourselves with the information and tools necessary to help special education students conquer today's mathematics!

## **Teaching Language Arts, Math and Science to Students with Significant Cognitive Disabilities. Diane Browder, et al**

Shows educators how to make the general curriculum accessible to students of all ages with significant cognitive disabilities.

## **Teaching Math to People with Down Syndrome and Other Hands-On Learners, Book I. DeAnna Horstmeier (2004)**

Parents and educators can use this guide to teach meaningful math to students--with and without learning problems--who struggle with understanding computation, number concepts, and when and how to use these skills.

## **Teaching Mathematics Meaningfully: Solutions for Reaching Struggling Learners. David Allsopp, LouAnn Lovin & Sarah Van Ingen. (2018)**

Filled with invaluable tips, tools, and research-based strategies for Grades K—12, this comprehensive resource fully prepares teachers to demystify math for a wide range of learners, including students with learning disabilities, ADHD, and mild cognitive disabilities.

## **Understanding Dyscalculia and Numeracy Difficulties: A Guide for Parents, Teachers and Other Professionals. Patricia Babbie & Jane Emerson. (2015)**

Looks at how adults can help identify each child's specific areas of difficulty and describes a multi-sensory approach that can be adapted for the needs of each student to help them better understand numbers and apply that understanding to solve problems.

## **Why is Math So Hard for Some Children? The Nature and Origins of Mathematical Learning Difficulties and Disabilities. Daniel Berch (2007)**

A scholarly anthology of essays by learned contributors discussing how to most effectively help students with learning disabilities and difficulties achieving in mathematics.