## Addressing Math Difficulties & Disabilities

## Maths Tasks and Resources

 Which One Doesn't Belong?

 Estimation 180

 Low Floor High Ceiling Tasks

 How Many? by Christopher Danielson

 3 Read Protocol

 "Know and wonder" Protocol

 Dan Meyer's Three-Act Math Tasks

 Understood.org - Non-Profit organization to help parents of students who struggle

## Books

- Principles to Action
- Necessary Conditions, Geoff Krall
- General book resource: Stenhouse Publishers
- Why is Math So Hard for Some Children
- Understanding Dyscalculia and Numeracy Difficulties: A Guide for Parents, Teachers and Other Professionals
- Dyscalculia: from Science to Education Brian Butterworth
- Maths Learning Difficulties, Dyslexia and Dyscalculia Steve Chinn

## Mathematics Educators - Engaging to Follow

Dr. Nicole Joseph - Vanderbilt University - Culture and Identity - Black women and girls in STEM @profnicolej Dr. Dan Meyer - Desmos - Chief Academic Officer @ddmeyer Dr. Jo Boaler - Professor at Stanford - Mathematics Education & Co-Founder of Youcubed @ioboaler Tracy Zager - Author and Mathematics Coach - "Becoming the Math Teacher You Wished You Had" @TracyZager Fawn Nouven - Middle School Math Teacher - Visual Patterns @fawnpnguyen Nanette Johnson - Math Specialist and Co-founder of @openmiddle @Math m Addicts Robert Kaplinsky - Mathematics Educator and Co-founder or @openmiddle @robertkaplinsky Mary Bourassa - High School Math Teacher - Curator of wodb.ca @MaryBourassa Dr. Rachel Lambert - UC Santa Barbara - Intervention for Teaching Mathematics @mathematize4all Dr. Douglas H. Clement - Professor at University of Denver in Early Mathematics Education @DHClements Dr. Brian Butterworth - Professor of Cognitive Neuropsychology - Dyscalculia Research @b\_butterworth