

# Resources: Language & Math

## VIDEOS

[The Benefits of a Bilingual Brain](#) - TED TALK: Mia Nacamulli explains how people who speak multiple languages process the world differently than those who only speak one.

[Teaching English Without Teaching English](#) - TED TALK: Roberto Guzman talks about how he transformed his classroom into being able to communicate in English without focusing just on grammar and syntax. *(This one taught me how many ways there are to teach away from traditional techniques! - Levina)*

[YouTube Series- Language Lady](#) - This lady goes through specifics of what it means to teach kiddos language and she focuses in on ELL students. She has specific math videos for ELL too!

## RESEARCH/ARTICLES

[Breaking Barriers to Math Success for English Language Learners](#) - A summarized article of the issues in math success and accessibility for ELL students on what we can do in our power as educators. *(Note: The Achievement Gap is mentioned in this article which could be problematic according to our discussions in this class.)*

[Quick Statistics on English Language Learners](#) - Talks about myths of english language learners along with basic statistics and research recommendations.

[Does the Term English Language Learner Carry a Negative Connotation?](#) - An article talking about students petitioning to change the label of "ELL" since it positions English as dominant.

## ELL MATH SUPPORT for TEACHERS

[10 Ways to Help ELLs Succeed in Math](#) - Scholastic: Practical steps to support and provide access for students with varying proficiency in the English language.

[Teaching with Equity for ELL](#) - An article that emphasizes what equity could look like in your classroom for ELL learners (i.e. giving extra time on tests...)

## ELL MATH PRACTICE for STUDENTS/PARENTS

[iKnowIt Interactive Games](#)- interactive math games that allows parents to customize for specific learning needs.

[ST Math](#)- supports ELLs as the non-language-based software presents mathematical concepts visually without language to promote greater conceptual understanding.

[List of Math iPad Games \(Elementary\)](#) - Visual games for students to learn through interaction and images.

[Cómo ayudar a su hijo con las matemáticas](#)- Resources for spanish speaking parents to help their child in K-5 with mathematics.

## BOOKS FOR KIDS

[List of Math Chapter Books](#) - Math themed chapter books, while this might not address the entire issue of ELL & Math, it could be beneficial for students to see math and reading interact.