

PROFESSOR

ZANDRA DE ARAUJO

"YOU NEED TO KNOW
MATHEMATICS
BECAUSE IT IS SO
JOYFUL AND BRINGS
CONNECTIONS TO
OTHER PEOPLE."



Pronunciation:
(zan-druh de ah-rau-jo)

Life: 1980 - present

Location: Florida

Known for: Math
education for teachers,
& Bilingual education

MATH HERO

Zandra researches the most effective way to teach math, especially to English Language Learners. Some of the steps she takes when evaluating teaching strategies include:

- Collecting data on student performance.
- Measuring student math performance before and then after the teacher uses a math strategy.
- Comparing student scores to see if the scores increased, decreased, or stayed the same.
- If students' scores increased, Zandra shares the new strategy with other teachers.

BILINGUAL MATH EDUCATOR

- Zandra de Araujo is a professor of math education. Professors work at colleges and universities.
- Zandra helps people become better teachers. She shows them how students your age learn math and helps them teach students who are learning to speak English.
- Zandra shows teachers how to help every student in class do their best!
- Zandra's first language was Portuguese. She helps teachers create supportive learning spaces for bilingual students.
- Zandra has a blog entitled *Mathematically Educated*.

REFERENCES

- De Araujo, Z. (2021, November 8). *Mathematically Educated*. <https://mathematicallyeducated.com/category/general-interest/>
- Mizzoueducation. (2019, January 22). *Zandra de Araujo, English Learners in K-12 Math Education Research Review* [Video]. YouTube. <https://www.youtube.com/watch?v=6ozOXyK2COY>
- de Araujo, Z. (n.d.). *Zandra de Araujo* [Photograph]. NCTM. <https://www.nctm.org/About/President,-Board-and-Committees/Nominations-and-Elections/2021-Candidates/Zandra-de-Araujo/>