

ELECTRICAL ENGINEER

KATYA ECHAZARRETA

"SOMETIMES YOU WILL
NEED TO LEARN AND
RELEARN AND REVIEW
THE SAME CONCEPTS
OVER AND OVER. IT'S
PART OF THE FUN!"



Pronunciation:

(kaa-tyuh eh-cha-sarre-taa)

Life: 1996- present

Location: Baltimore,
Maryland

Known for:

First Mexican-born
woman to go to space

MATH HERO

Electrical engineers
like Katya use math to:

- Calculate the quantity of power that something needs to work properly.
- Review the temperature inside and outside of spaceships. The electronics will stop working if they become too hot or too cold.
- Create ways to communicate from one place to another, even from outer space to Earth with algebra equations.

FROM MEXICO TO SPACE

- Katya Echazarreta is an electrical engineer. Electrical engineers invent, create, improve and fix electronic devices, tools, and equipment.
- Katya moved from Guadalajara, Mexico to the United States when she was seven years old. At that time, she did not speak English, only Spanish. Moving to a new country was not easy, but her interest in math and science helped her dream of visiting space become a reality.
- Katya, in June 2022, became the first Mexican-born woman to travel to outer space. She is proud to represent "all the girls and women who dream of achieving something greater."

REFERENCES

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- Egaña, C. (2021). *Katya Echazarreta* [Photograph]. CNN Español. <https://cnnespanol.cnn.com/video/katya-echazarreta-fue-rechazada-discriminada-ingenieria-universidad-camilo-egana-cnn/>