Mission

Services, Advocacy, Connectory

SASTEMIC is a San Antonio-based non-profit focused on STEM education. We deliver education services, advocate for STEM in the community, and connect stakeholders across the community. In the process, SASTEMIC frames its work inside community strategy and builds strong connections with K-12, college, industry, government and other non-profits in the San Antonio area.

We value

- The students we serve and their families
- Strategic thinking
- Management excellence
- Action
- Collaboration
- Diversity that reflects our community
- Long-term positive community impact
Robotics (K-12)
Learn how to program robots using math and measurements to achieve defined objectives in line with robotics competitions.

Video Game Design (K-12)
Learn the fundamentals of computer programming and design their own video game that they will be able to use and continue to modify outside of the classroom.
3D Printing (4-12)
Develop 3D models using Computer Aided Design software. Student created designs can be printed out on 3D printers.

Computer Programming (4-12)
Learn fundamental elements of computer software design and learn how to perform basic functions in the Python programming language and the Linux terminal using a Raspberry Pi computer.
Hardware Engineering (4-12)
Learn the foundations of electronic hardware design and necessary operation programming for today’s technologies.

Renewable Energy (4-12)
Build working mechanical prototypes while exploring renewable energy topics through the engineering design process.
STEM Teacher Professional Development
GEEKBUS STUDENT PROFILE

ECONOMICALLY DISADVANTAGED 83%

10% HIGH SCHOOL

35% MIDDLE SCHOOL

55% ELEMENTARY SCHOOL

MALE/FEMALE PARTICIPATION

49% 51%

HIGHLIGHTS

Total Community Members served 15,540

Schools and Centers Visited 91

STEM Events 36
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www.sastemic.org
www.facebook.com/sastemic

www.geekbus.com
www.twitter.com/sastemic

For more information or questions, contact
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