

The San Antonio Museum of Science and Technology

21DISCOVERY™

Bring your students to **SAMSAT AREA 21®** located in the *Boeing Center at Tech Port* for an immersive experience featuring guided tours, STEM classes & activities, and exposure to cutting-edge 21st-century technologies! (see page 2 for class offerings)



21DISCOVERYTM

STEM Classes:



Cyber: Digital Defenders

Hack chatbots, scan for viruses, explore cyber careers, and finish by cracking codes in Minecraft!



Cyber: DoS Attack

Simulate a DoS attack, see cyber threats in action, and explore defense strategies!



Artificial Intelligence

Explore AI hands-on through chatbots, our self-driving car, & Minecraft.



Magnetic Levitation

Experiment with magnetic attraction and repulsion while building and testing a MagLev vehicle.



Structural Engineering

Learn concepts of designing and building structurally sound bridges, hands-on!



Structures - Minecraft EDU

Learn design, scale, and style by building Minecraft structures tied to engineering.



21MATHTM

Math in 3D

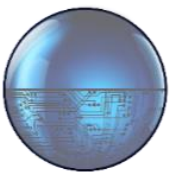
3D modeling and volume calculations for diverse shapes like rectangular and L-shaped prisms.



21MATHTM

Innovation & Investment

Use SAMBucks to budget and build a robotic arm while connecting math to innovation.



Medical Technology

See how technology transforms healthcare. Code a Sphero robot in a hands-on medical activity!



Circuits - Minecraft EDU

Use Redstone to create functional circuits that operate machines.