

# What is STEAM Education?

STEAM (science, technology, engineering, art, and math) education is a nationwide initiative that creates critical thinkers, increases science literacy, and enables the next generation of innovators. It is a synergistic approach to teaching the STEAM disciplines instead of isolating them as separate schools of thought. It is the next logical step in what the STEM initiative began by incorporating art to bring the right-brain into traditional scientific thinking.



## Science

Augment your science program by exposing your students to dynamic examples of physics and material sciences – all with practical real-world examples. The Friction Raceway showcases gravity, inertia, and of course, friction, and the Plasma Sphere introduces the 4th State of Matter.



## Technology

We're on the cutting edge of today's fast-moving world bringing one of the most advanced humanoid robots ever built, programmable robots, 3D printing, and even an HD video presentation on robotics.



## Engineering

Get your students ready for the jobs of tomorrow! See how they take to building a parabolic arch, creating a model roller coaster, or building a gear-driven mechanism. Get inspired by the incredible robotics on display and how everything works.



## Art

Realize the connection between art and science through synergistic design and application. See how design choices turn complex machines into friendly companions, how engineers and designers are often one and the same, and how data can be beautiful.



## Mathematics

Everything ties into math, but the Pythagorean Theorem Wheel will get everybody to see the beauty in geometry and programming the various robots will showcase your logical thinking and problem solving abilities.



During the day on Thursday, August 23<sup>rd</sup> ICIS will host the STEAM Museum as our fall student appreciation event with many exciting hands-on activities for all of our students.

## YOU ARE INVITED TO THE STEAM MUSEUM FAMILY NIGHT!

When: August 23<sup>rd</sup>

Time: 4:30-7:30 (you must choose a time below)

Where: ICIS Gym

On the evening of August 23<sup>rd</sup>, we would like to extend the invitation to our school family to attend the ICIS Family Night portion of this experience. We anticipate many students will be excited to return and guide their parents through the STEAM Museum activities! In order to keep everyone safe and activities accessible, we do need to limit the number in attendance in the gym throughout the evening hours. If you would like to sign-up to attend, please sign the form below with your name, circle the times that work for your family, and return to your student's classroom teacher. You will receive confirmation of your assigned time to attend the STEAM Museum on August 23<sup>rd</sup>.

RSVP: Please choose a time below and return



4:30-5:00

5:00-5:30

5:30-6:00

6:00-6:30

6:30-7:00

7:00-7:30

any time

STUDENT NAME:

TEACHER:

GRADE:

TOTAL # ATTENDING:

