



Lakota Local Schools
5572 Princeton Rd.
Liberty Twp., OH 45011
Phone: 513-874-5505
Fax: 513-644-1196
Email: Lakota@lakotaonline.com



STEAM²: YOUR PATHWAY TO THE FUTURE

Next Up: **Automation & Robotics** *8th Grade*

What if
there was
a class
where
CURIOSITY
ruled?

There is...



STEAM²: WHERE CURIOSITY RULES

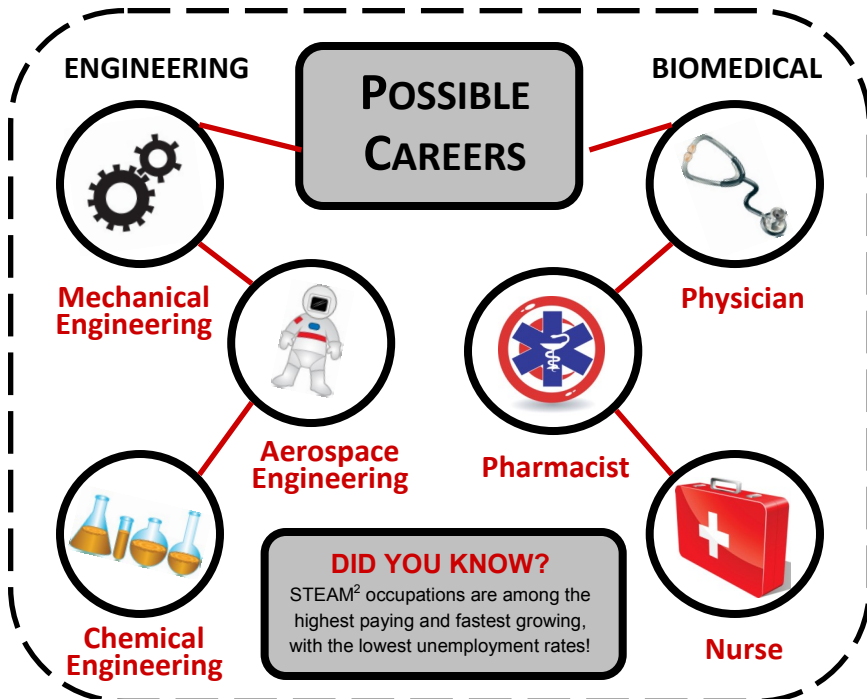
What if there was a class where you learned not only how things worked, but how you might make them better? Where the biggest challenge was between you and your imagination?



At Lakota, there are several such classes—and they're all part of an innovative series called STEAM², standing for Science, Technology, Engineering, Applied Arts/Design, Mathematics and Medical.

By continuing down this path, you will have the opportunity to explore life-changing innovations taking place in labs, test tubes and computer screens around the world—right in your own classroom.

So, get ready, get set—the adventure has just begun!

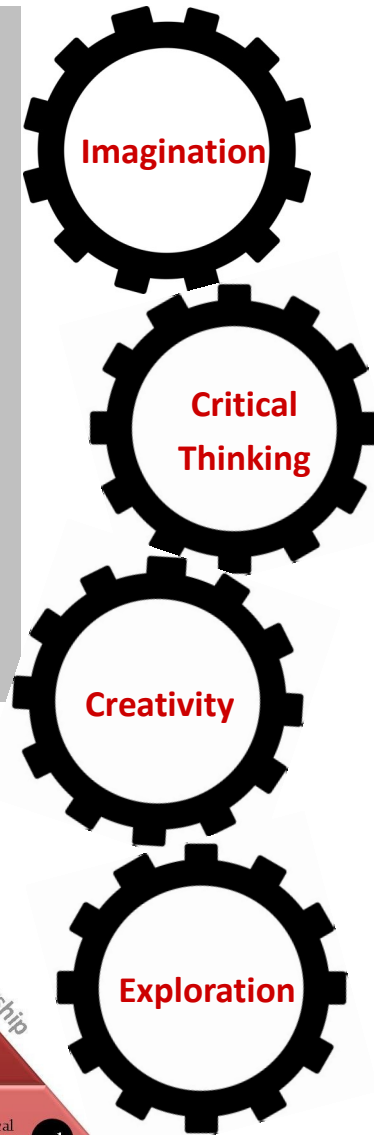


AUTOMATION & ROBOTICS

8th Grade

- Trace the history, development and influence of the imaginative world of robotics and automation.
- Learn to use a robot for mechanical systems, energy transfer, machine automation and computer control systems.
- Use what you learn to design, build and program a solution to a real-world problem using a computer and a robot.

Build a foundation in one of the most vital fields of learning and essential professions needed in the world today and tomorrow.



STEAM²: The Big Picture

