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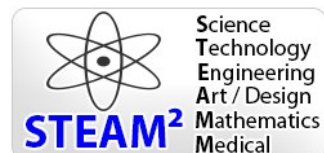
STEAM²: YOUR PATHWAY TO THE FUTURE

Principles of Engineering

10th Grade

There's a
class in your
school where
you can

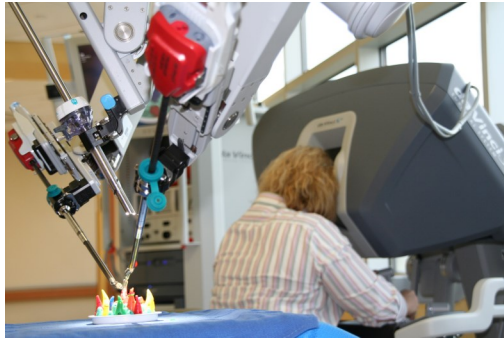
**DREAM UP
TOMORROW'S
WONDERS...**



STEAM²: WHERE CURIOSITY RULES

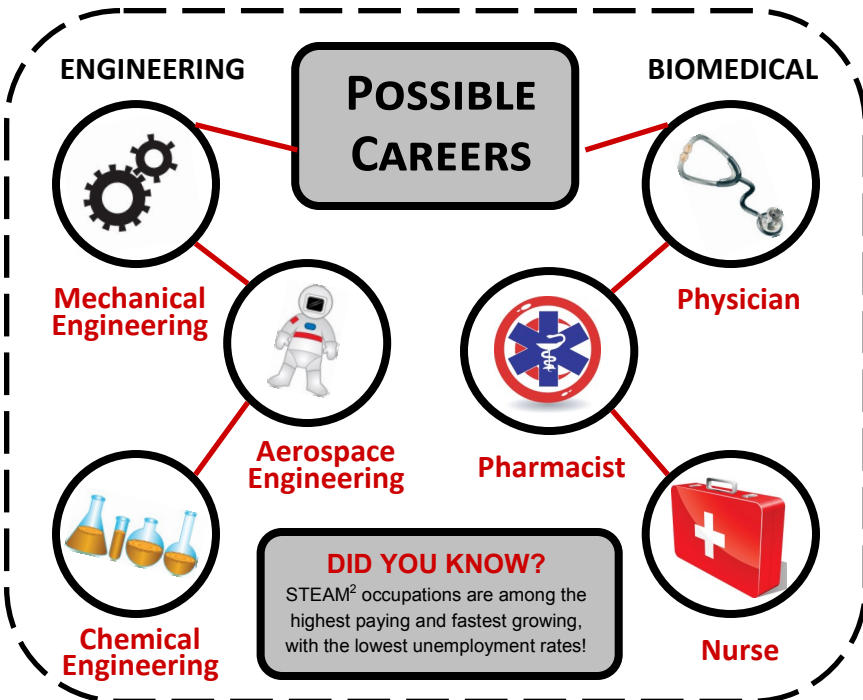
What if there was a class where you learned not only how things worked, but how you might make them better? Where the biggest challenge was between you and your imagination?

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!



ENGINEERING PRINCIPLES

10th Grade

- ◆ More advanced concepts in engineering design used in various technology systems and manufacturing processes.
- ◆ Focus on topics of mechanisms, energy, statics, materials, and kinematics.
- ◆ Learn how engineers and technicians use math, science, and technology to solve problems by applying your research and design skills.

Prerequisite: Introduction to Engineering Design

Discovery

Creativity

Problem Solving

Teamwork

STEAM²: The Big Picture

