

# CUTTING EDGE LEARNING



**STREAM (STEM)** is a uniquely comprehensive and collaborative educational approach that seamlessly integrates Science, Technology, Religion, Engineering, Arts, and Math into the teaching and learning process. It uses a holistic approach to learning where students explore, analyze, and create while making meaningful real-world connections in the context of their faith. STREAM education actively promotes 21st-century skills, including collaboration, communication, creativity and critical thinking.

At Saint Anselm School, we strive to integrate these subjects into everything we do from hands-on, problem-solving challenges and strategies to project-based learning.



## WHAT IS MAKERSPACE?

What is St. Anselm School's MakerSpace? Simply, a MakerSpace is a place designed to let students explore and actually create something using their own hands. What might they create? Perhaps a student will use straws, duct tape, and a laser cutter to design tiny houses which allow them to practice with math concepts of volume, surface area, and proportional reasoning. Or the student could include iPads, cameras, and green screen in their projects to create a documentary film to gain a deeper understanding of a particular time period. The projects and topics that will be explored in the MakerSpace are limited only by the student's own imagination.

We are preparing students for future jobs that do not even exist yet. We believe that students will need a maker mindset to navigate this 21st-century maze. They will need to engage in critical and creative thinking and will have to have the skills needed to solve complex problems. All of these skills are involved in the maker mindset. By embedding this mindset into our curriculum, by forming their hearts through prayer and by guiding their faith through service and community, we are creating a solid foundation for our students that will prepare them for an incredible future.

St. Anselm School admits students of any race, color, nation and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate on the basis of race, color, national and ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.



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