



# STREAM Studio & Innovation Lab Q & A

## *What is a STREAM Studio?*

STREAM is the National Catholic Education Association's (NCEA) expansion on the commonly known acronym of STEM. STREAM stands for Science, Technology, Religion, Engineering, Arts, and Mathematics. The NCEA posits that students exposed to STREAM learning opportunities are better prepared to work in a global and technology driven economy as virtuous citizens and entrepreneurial leaders.

The STREAM Studio at St. Monica School will be a space where students use a variety of materials to enhance their creativity, design, and engineering skills with a focus on experiential learning. Through kinesthetic (tactile) activities, students will apply the concepts they learn in the classroom. Engineering Adventures (building something related to a book read in class) and cross-disciplinary STEM and art activities that incorporate the Catholic faith are just a couple of examples of the types of learning experiences that can take place in the STREAM Studio.

## *What is an Innovation Lab?*

The Innovation Lab will be an advanced version of our Computer Lab! Students will use various technologies including Chromebooks, iPads, robotics, video equipment, and a 3D printer. The Innovation Lab will be where students will use technology for learning, discovering, and creating.

## *Where will this space be located?*

We will convert our current Library space into two new learning spaces - the STREAM Studio and the Innovation Lab. We believe our current Library space (with 1,874 sq ft) is large enough to be converted into two new learning spaces for our students.

## *What will happen to the Library?*

We will still have a Library space for our students! We will convert the current Computer Lab classroom into the new Library and reading room space for students.

## *What faculty resources will be used?*

We will utilize our existing information technology faculty for the Innovation Lab and there will be a dedicated teacher for the STREAM Studio. In addition, we will still have a part-time Librarian.

*Please contact Mrs. Tammi Robman, Principal, or Mr. Joe Wientge, School Board President, if you have additional questions or comments.*

*Our mission is for St. Monica to become recognized as a STEM Excellence Pathway Partner through the St. Louis Science Center and a minimum of one faculty member ISTE (International Society for Technology in Education) certified. This faculty member will in turn serve as the ISTE standards expert for the faculty.*

**LOVE GOD  
LOVE OTHERS  
*Live the Gospel***