



### ***WHAT IS THE STREAM EDUCATION INITIATIVE?***

STREAM is the diocesan investment to support the future of Catholic education in WNY. The diocese has designed and will continue to help fund and implement the STREAM Education Initiative for those schools that apply and are accepted. Currently, 21 schools participate in the STREAM Education Initiative.

At this time, we are proud to announce that The Diocese of Buffalo's Department of Education was recently highlighted in the National Catholic Education Association's Momentum Magazine as a leading "best practice" model for STREAM Education.

### ***STREAM INITIATIVE GOALS:***

- Reflect the diocesan commitment to academic excellence as outlined in "*Faith in Tomorrow*"
- Update educational programming to reflect 21<sup>st</sup> century learning
- Promote interdisciplinary, dynamic and relevant student learning
- Increase investment in professional development and reinvigorate our teaching professionals
- Emphasize collaboration within and among our diocesan schools utilizing STREAM Coordinators

### ***WHAT IS STREAM?***

- STEM + Religion + the Arts = **STREAM**

### ***IS STREAM EDUCATION LIKE STEM EDUCATION?***

- STREAM is the necessary evolution of STEM Education
- Science +Technology + Religion + Engineering + the Arts + Mathematics = STREAM
- STEM Education emphasizes the progression of interdisciplinary studies in the areas of **Science**, **Technology**, **Engineering**, and **Math**; **STREAM EDUCATION** also incorporates the creativity and expression of the Arts and our faith as integral components of a 21<sup>st</sup> century Catholic education.

### ***WHAT IS STREAM LIKE IN THE CLASSROOM?***

- Lessons, units, and community education programs are based on the eight STREAM principles which promote a higher level of critical thinking and a deeper understanding of content materials
- STREAM activities are hands-on; projects based, include engineering design, and have relevant application in the real world
- It inspires teachers to include and develop 21<sup>st</sup> century instructional strategies at every grade level
- STREAM takes learning outside the traditional classroom experience through customized field trips and dynamic, interactive outreach programming in collaboration with our professional community partners

**STREAM** is not a new curriculum, but rather a framework for impactful instruction and meaningful learning.