

# STEAM Division – Science, Technology, Engineering, Arts, Math

## DEPARTMENT FACULTY

Mr. Donald Oliver, Division Coordinator • Mrs. Jeri Franklin, Science • Ms. Maria McGrath, Science • Ms. Sandra Ocampos, Science • Mrs. Deborah Rae, Science  
Mrs. Elizabeth Reiser '75, Science • Mrs. Jaclyn Kaier, Technology • Mrs. Terri Logan, Technology • Mrs. Lauren Alaimo, Fine Arts • Mrs. Lisa Baco '78, Fine Arts  
Mr. Robert DeSantis, Fine Arts • Mr. Timothy Wells, Fine Arts • Mr. Michael Deitzer, Math • Mrs. Anne Evangelos, Math • Ms. Maria McGrath, Math

## Department Overview

The STEAM division seeks to expose a cross-section of students with a variety of interests and strengths to school curricula enriched by problem solving and real world application. As a STEAM division, we strive to foster a greater appreciation of the areas of science and mathematics and a better understanding of how these two disciplines are interwoven in the fields of technology, engineering and the arts. Group activities, along with cross-curriculum collaboration, aim to encourage an intrinsic interest and respect for their numerous applications in our daily lives.

Our fine arts offerings continue to render many forms of both visual and interpretative arts, such as instrumental and vocal music. Having an understanding and appreciation of how mathematics and science can be impacted by the arts is an important perspective our graduates are able to develop. Ultimately, we aim to inspire students to develop a passion for careers in the areas of STEAM.

## Academic Offerings

### SCIENCE

- Living Environment
- Chemistry, Chemistry Honors, or Principles of Chemistry
- AP Chemistry
- Earth and Space
- Physics or Principles of Physics
- Foundations of STEAM and STEAM 2
- Forensic Science
- Biology 101/102 – Biology (6 Niagara University credits)
- Health
- Environmental News
- Intro to Health Professions

### TECHNOLOGY

- Keyboarding
- Intro to Computer Science Principles
- AP Computer Science

### FINE ARTS

- Chorus
- Intro to Fine Art
- Computer Graphics
- Music Theory
- Voice, Private Instruction
- Gemtones
- Concert Band
- Jazz Ensemble
- Strings Ensemble
- Studio in Art
- Drawing
- Crafts
- Ceramics 1 and 2
- Digital Photography/Photoshop
- Acting and Theater 1
- Musical Theater

### MATH

- Algebra 9
- Geometry 10
- Algebra 2
- Pre-Calculus and Pre-Calculus Honors
- Introduction to Calculus
- AP Calculus
- Financial Algebra
- Introduction to Statistics



We believe in you.