



Early Childhood &amp; Lower School



Middle School



Upper School



## The Indian Creek STEM Program Connects Students with the World of Science, Technology, Engineering, and Math

The Science, Technology, Engineering, and Mathematics (STEM) Program is a four year educational initiative designed to engage students in rigorous math and science work infused with engineering and technology. Students enrolled in this program will participate in an intense project-based curriculum focused around core math and science classes. Participation in the STEM Program will give students the opportunity to take college-level math and science courses, conduct independent research projects, and attend specific STEM related events.

### Here are our goals of the STEM Program

1. To provide students with a challenging math and science curriculum infused with technology and engineering concepts.
2. To foster critical thinking skills in students.
3. To expose students to STEM careers.
4. To increase the number of students majoring in STEM fields in college.

### Why join Indian Creek's STEM Program?

- A recent study by the U.S. Department of Education Institute of Education Sciences states that students who participate in STEM programs have a higher rate of completing a bachelor's degree program in those fields compared to non-STEM students (NCES 2009-161).
- Students participating in STEM at Indian Creek School will have the opportunity to:
  - attend STEM focused field trips
  - conduct independent research projects
  - engage in STEM related internships, seminars, and enrichment programs

### STEM Requirements

All students who participate in the STEM program are required to complete the following:

- Maintain a B- grade average in all math and science courses
- Take four years of STEM approved math and science classes
- Successfully complete two AP science classes

### Criteria for Selection

1. Interest in and commitment to obtaining a STEM education.
2. Completion of the STEM application form.
3. Eligibility requirements:
  - An overall B- average in math and science classes
  - Successful completion of or enrollment in Algebra I



**Indian Creek STEM Program Wins Prestigious Toshiba America Foundation Grant - read more**