



Science

## FORMING INNOVATIVE PROBLEM SOLVERS

East Catholic science courses stress scientific literacy, acquisition of content knowledge and laboratory skills, and the development of a positive attitude toward science. Faculty employ a hands-on, activity-based curriculum that emphasizes problem-solving, critical thinking, inquiry-based learning and an innovative use of technology.



### Course of Study

#### 2 Lab Sciences Required

Biology  
Chemistry  
Physics

#### Electives

Anatomy & Physiology  
AP Biology  
AP Chemistry  
AP Environmental Science  
Engineering  
Forensic Science  
PLTW – Principles of Engineering

### EXTRACURRICULAR ACTIVITIES

**Club Med-** A club for students interested in a career in medicine or in a medically related field. Club activities include discussion, guest lecturers, and participation in the UConn Medical Careers Day.

**Chemistry Olympiad-** The U.S. National Chemistry Olympiad (USNCO) program is a chemistry competition for high school students. The purpose of the competition is to stimulate young people to achieve excellence in chemistry.

**Science Club-** In this club, students generate interest in the environment. Students take field trips and enjoy guest speakers.



**In recent years, East Catholic Science faculty and students have achieved, among other recognition:**

- Intel International Science and Engineering Fair- 2nd Place
- CL&P Live Green, Win Green Environmental Video/Essay Competition- state finalist
- Connecticut Science Fair- 1st Place
- Claes Nobel Educator of Distinction
- International Sustainable World Project Olympiad- gold medal winner
- National Chemistry Olympiad- semi finalist
- Wellfleet Audubon citizen-scientist
- Member, Sigma Theta Tau, National Honor Society of Nursing
- SourceAmerica Design Challenge, National Competition

