

Registration Now Open!



Challenges advanced students and supports those seeking proficiency in Math and Science



MATH & SCIENCE SUMMER ENRICHMENT PROGRAM

IN COLLABORATION WITH
Fitchburg State College

July 6 – August 13, 2010

8:30 A.M. TO 5:00 P.M.

Free Transportation from Gardner



Program Topics

July 6-9: Up! Up! And Away! | *Flight*

Understand the scientific and mathematical principles underlying flight. Explore and experiment with animal, mechanical, supersonic, hypersonic, ballistic, and spaceflight. Create and experiment with models that work. Field trip to be determined.

July 12-16: It's Not Easy Being Green! | *Pond life*

Make several trips to local ponds. Learn how freshwater ecologists gather information by collecting sample specimens and returning to the laboratory to begin the testing process. Study water as a habitat for organisms, plants, and animals. Explore the environmental impacts such as land, air, and water pollution. Spend a full day at the Ecotarium in Worcester and participate in the "Ponds Ecosystems" program.

July 19-23: You Can Get There From Anywhere! | *Topography*

Break the mapping code and plan a virtual tour around the world with accurate precision. Explore time zones and coordinates and develop computer models. Apply land navigation skills as you scale Mt. Wachusett in Princeton. Enjoy the beautiful scenery and dine at the summit.

July 26-30: CSI Summer Sleuth! | *Forensics*

Are you ready for the challenge? Use your higher level thinking skills and team up to solve the crime. Meet a career crime scene investigator. Field trip to be determined.

August 2-6: Weathering the Storm! | *Weather*

Understand the conditions that create the perfect storm. Experiment online with the latest technology used to forecast weather and create your own "perfect storm". Meet a career meteorologist from a local television station. End the week with a visit to the Museum of Science in Boston to view the "Weather Forecasting" exhibit and much more.

August 9-13: May the Force Be With You! | *Forces and Motion*

Explore forces and motion and the scientific and mathematical principles on which amusement park rides are designed. Design your own amusement park ride and end the week testing the rides to your heart's content at Canobie Lake Park.

The St. Paul Catholic Schools Consortium Math and Science Summer Enrichment Program is open to any student in the community on a first-come, first-serve basis.

We welcome public school students to the program. Enrollment is limited to 30 participants per week. Program tuition is

\$125 per student, per week (includes daily lunch and field trips).

Tuition assistance is available for qualified applicants. For information contact bmanning@worcesterdiocesek12.org or (508) 929-4322.

Register online at www.worcesterdiocese.org