

The Capitol Region Education Council announces...



## *The Metacomet Ridge Interdistrict*

### *Academy ~ Summer Program 2011*

## ***Environmental Field Studies through Science & Technology***

At

Talcott Mt.—Sleeping Giant—Ragged Mountain—Wadsworth Falls— Pennwood---  
**and much more**  
***Explore the Ridge!***

#### *Featuring*

Vernal Pool Studies, Water & Soil Chemical Analyses, Computer Based Activities, Invasive Plants Assessment, Fossil Study, Geologic History Studies, Animal Studies, and visits to Science Centers and Geologic Features within Connecticut

#### ***Technology***

Computer based Geographic Information Systems (GIS)  
Global Positioning System (GPS)/Geocaching  
Remote Sensing with Landsat satellite images/Google Earth  
PDA (Personal Digital Assistant); digital camera and electronic probe data collection  
Use of G.L.O.B.E. Databases  
Microsoft PowerPoint, Word, Publisher, and Internet Explorer

#### ***Training for Environmental Field Studies at***

New Britain High School  
Talcott Mountain Science Center

#### ***Hands-on Environmental Research Projects***

Invasive Plant Surveys  
Biological Assessments (Soil, Land Cover, Hydrology)  
Vernal Pool Evaluation and Pond Studies  
Geological Analysis  
Paleontological Exploration  
Connecticut Aquatic Resources Education (CARE)

The MRIA is looking for interested middle/high school students (grades 8-12 in 2011-2012) to study the environment of the Metacomet Ridge. Students will use scientific equipment including technology to survey the plant life, animal habitats, and geology of the ridge. Special attention will be directed at assessing invasive plants and vernal pools for future research projects with the Department of Environmental Protection (DEP).

Students entering grades 8-12 will be selected from the following districts — Berlin, Bristol, Farmington, Hartford, New Britain, Newington, Rocky Hill, Southington, and West Hartford. **The 4-week program begins on Tuesday, July 5<sup>th</sup> and ends Friday, July 29<sup>th</sup>.** There is **no charge** for the program. The program will meet Monday through Friday each week. Buses will pick up students at New Britain High School at **8:30 a.m. and return at approximately 2:30 p.m. daily**. Students must be able to attend at least 3 weeks of the program.

All students will receive certificates of participation and individual letters of completion from the MRIA. Instructors suitable for inclusion in college portfolios.

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Complete and return (to your teacher) the application for the Metacomet Ridge Interdistrict Academy Summer Program 2011. Applications may also be mailed to Mr. Thomas Menditto, 272 Main Street, New Britain, CT 06050, or Mr. Joseph Bosco III at New Britain High School 110 Mill Street, New Britain, CT 06051. Questions can be directed to Mr. Joseph Bosco III by e-mail ([boscojoe@csdnb.org](mailto:boscojoe@csdnb.org)). All applicants will be notified of the status of their acceptance into the program via postal service by the end of the school year.