

Battles of the Civil War

8:00 a.m. – 1:00 p.m. ■ July 12-16, 2010



This camp introduces participants to the Civil War through the study of key

battles of the Valley Campaign and visits to several nearby battlefields. Not only do students walk in the footsteps of Stonewall Jackson and his men, but they learn about the importance of topography in each battle and the essential role that Jackson's cartographers played in the war. The camp culminates in a slideshow project that teaches students how to design and illustrate maps using computer software, such as Microsoft PowerPoint and Moviemaker.

Cost: \$175



Instructor: Guy Bauer is a veteran history teacher. A resident of Front Royal and a long-time Civil War buff, Mr. Bauer has a special interest in the military strategies and battles of the Valley Campaign. He has led students on trips to Antietam, Gettysburg, and Harper's Ferry.



4 Family Life Lane, Front Royal, VA 22630

Chelsea Academy 2010 Summer Camps for Ages 11-16

Be Part of the Adventure!



- *Robotics and Rockets*
- *Chemistry*
- *Creative Writing*
- *Battles of the Civil War*

Robotics and Rockets

8:30 a.m. – 12:00 p.m. ■ June 21–25, 2010

This camp is designed for students with an interest in physics and technology. Using a Boe-Bot as the platform (see www.parallax.com), participants are introduced to robotics, basic circuitry, and computer programming. They also learn the essentials of model rocketry by building and flying their own kit rocket. In the process, they study the physics of flight, including thrust, lift, wind resistance, drag, friction, and terminal velocity. Personal laptops are recommended.

Cost: \$340 (includes rocket and robot)

Chemistry

8:30 a.m. – 12:00 p.m. ■ July 19–23, 2010

Participants in this camp learn “the essentials” in the dynamic field of chemistry. Dr. O takes a hands-on approach with demonstrations and lab experiments every day. One day is spent performing wet chemistry and soil testing at the Shenandoah River. Topics to be covered include atomic theory/models, electronic structure, bonding, naming compounds and writing formulas, periodic table and its trends, mathematics of chemistry (the mole), acids, bases, salts, types of chemical reactions, and more. This camp provides a firm foundation for students in their high school chemistry course; it also gives a good review for students who wish to brush up and strengthen their knowledge of chemistry. Scientific calculators are needed.

Cost: \$175



Instructor: Bernardine Clark is an experienced teacher and writer. A published author of fiction and children's writing, she has conducted writing workshops for children and adults in a variety of settings from New York City to Fargo, North Dakota. Whatever the

makeup of the class, her goal is to encourage writers to both recognize their inherent ability to tell a story and use the tools available to them to make those stories come to life.

Great Imaginings — Creative Writing

8:45 a.m. – 11:45 a.m. ■ July 26–30, 2010

Participants in this camp learn about and practice writing in a range of forms and styles within the genres of fiction, poetry, and creative nonfiction. They also receive a short introduction to screenwriting. The exercises and readings are designed to help young writers sharpen skills, see more, build confidence, and recognize the various elements of the craft. Participants create a portfolio of samples in a variety of formats and styles, and publish their polished work in a literary journal. There is some reading and writing required beyond the class time.

Cost: \$175

Instructor: Ron (Dr. O) Occhiogrosso holds a Ph.D. in Chemical

Engineering and has been teaching science at the middle school, high school, and college levels for over twenty years. He has studied robotics and Mechatronics in summer programs at Polytechnic and Stony Brook Universities.



Throughout his career, Dr. O has led and participated in summer science programs for high school students, including the Research Scholar Program at Stony Brook.

Registration Form

To register, please complete and return the form below with a \$50.00 check (made payable to "Chelsea Academy"). The balance is due by June 10.

Mail to:

Chelsea Academy
4 Family Life Lane
Front Royal, VA 22630.

I would like to register for the following Summer Camp(s):

- Robotics and Rockets
- Chemistry
- Creative Writing
- Battles of the Civil War

Student Name _____

Street Address _____

City _____

State _____

Zip _____

Space for each camp is limited to ten students (fourteen for the Civil War), and each camp is contingent on sufficient enrollment.

References from past participants in Dr. Occhiogrosso's summer programs and Mrs. Clark's workshops are available upon request.

For more information, go to Summer Camps at www.chelseaacademy.org or call Chelsea Academy at (540) 635-0622.

Chelsea Academy admits students of any race, color, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. Chelsea Academy does not discriminate on the basis of race, color, national and ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.