GLOBAL VILLAGE SUMMIT

Summer Catalog COURSE CODE: 00924
ELIGIBILITY: Arlington residents in grades K-4.
Dates: JULY 10–JULY 28; 9:30 a.m.–1:30 p.m.
Cost: $560.00
LOCATION: Arlington Traditional School

Open to all students, Global Village Summit provides engaging learning experiences that help students better understand and appreciate the world around them. Whether well-traveled or simply open to broadening their world, all students will enjoy learning about world cultures through multimedia technology, language experiences and hands-on learning. Recognizing that Arlington is a unique global village, the program focuses on our own diverse community. Each day, students explore the geography, history, culture and critical issues of people from Europe, Asia, Africa and the Americas. Cultural informants from different countries visit students to share their first-hand experiences and stories. Students use technology to apply research, critical thinking and creativity to convey information. Daily attendance is required for a successful experience. Students are asked to bring their own snacks. To get a first-hand look at this program, visit http://tinyurl.com/GlobalVillageSummit
Math Academy

Summer Catalog:
Grade 2: COURSE CODE: 03904
Grade 3: COURSE CODE: 03905
Grade 4: COURSE CODE: 03906
Grade 5: COURSE CODE: 03907

ELIGIBILITY: Open to Arlington students who have met grade-level expectations for math in grades 2, 3, 4 or 5 and who are seeking an in-depth mathematical experience.

Dates: JULY 10–JULY 28; 9:00 a.m.–1:00 p.m.
Cost: $560.00
LOCATION: Ashlawn Elementary School

Math Academy offers a fast-paced and challenging opportunity for students entering third, fourth, fifth or sixth grade in September. Students will take an active role in deepening their understanding of mathematical concepts. Problem solving, critical thinking skills and algebraic reasoning will be explored through games, projects, and other hands-on activities connected to the Virginia Mathematics Standards of Learning.

Outdoor Lab

Summer Catalog:
COURSE CODE: 00970 (Session A)
COURSE CODE: 00971 (Session B)

ELIGIBILITY: Arlington residents who have completed grade 4 or 5
Dates: Session A: June 26-June 30, Session B: July 24-July 28
Cost: $684.00 (includes transportation, room and board)
LOCATION: Phoebe Hall-Knipling Outdoor Laboratory

A blend of traditional camp activities, nature exploration and sensory awareness make this program fun and informative. The outdoor lab summer camp provides students with the opportunity to explore the natural world at their own pace. The highly qualified staff will safely guide campers through various activities that may include aquatic studies, natural history and nature’s supermarket. This overnight program is conducted at Phoebe Hall-Knipling Outdoor Laboratory near Warrenton, Virginia. For additional information, call 703-228-6166.
Career Center Enrichment Courses

***Registration is through the Career Center ONLY and uses a different application. Students should NOT use the registration form in this catalog. Classes meet from July 10–21. Bus transportation will not be provided; students are responsible for their own transportation to and from school. Please contact the Career Center directly at 703-228-5740 for additional information on procedures and fees.***

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Lego Robotics Challenge

ELEMENTARY GRADES 4-6
Time: 8:00 a.m.–12:00 p.m.

This is a project based and student centered enrichment program that uses Lego robotics. Students will build projects using electronics and micro-mechanics, followed by construction of Lego robotics and programming for robotic design challenges. Learn robotics and have fun!

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Multimedia

ELEMENTARY GRADES 4-6
Time: 8:00 a.m.–12:00 p.m.

Multimedia production utilizes an all-digital lab to teach students of all skill levels. Students will have the opportunity to learn about video and audio production, animation, and graphic design. Students will learn the craft of filmmaking through engaging projects and will be editing with Macromedia Adobe Premiere CS-6. This class is guaranteed to be challenging, cutting edge and most of all FUN.

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Photography

ELEMENTARY GRADES 4-6
Time: 8:00 a.m.–12:00 p.m. OR 12:30 p.m.-4:30 p.m.

This class is open to all levels of students for creative digital and film development with darkroom photography. With cameras supplied if necessary, students will develop their own film and print the negative in the darkroom into black and white photos. Digital cameras will also be supplied and students will do exciting post production work with Adobe Photoshop CS6. Professional portrait studio lighting and table top photography will be explored. Field trips will be incorporated into this fun, informative class.
Television Production

ELEMENTARY GRADES 4-6
Time: 12:30 p.m.-4:30 p.m.

In TV Production, students learn the essentials of using cameras and producing videos while working in a “real television studio.” Students will learn new skills every day from how to properly use the camera to creating music and graphics. Using teamwork, imagination and creativity, students will produce their own commercials, music videos, short movies, studio shows, and more. Students truly enjoy creating their own fantastic films in this class.

Computer Exploration with Scratch Programming

ELEMENTARY GRADES 4-6
Time: 12:30 p.m.-4:30 p.m.

In this class, students will learn computer coding and will be able to create games, animations, stories and art using SCRATCH, a programming language developed by MIT. Students will be able to draw pictures, add sounds and movements, and share their projects with the class. The students will both examine existing programs and design their own. SCRATCH builds thinking skills, reasoning ability and creativity and most of all FUN!