

APRIL 3RD - 7TH >> TO REGISTER ONLINE, CLICK [HERE](#).

- ▶ Classes for boys & girls in grades 1st-9th on Monday, April 3rd - Friday, April 7th. Full-day classes: 9:00 AM-5:00 PM • Half-day mornings: 9:00 AM-12:30 PM • Half-day afternoons: 1:30 PM-5:00 PM. Supervised lunch: 12:30-1:30 PM. Courtesy, half-hour, no charge 8:30 AM-5:30 PM standard drop off and pickup window; earlier and later by request for a \$5 per half hour per child fee.
- ▶ Two half day camps can be combined for a full day. If any class has not met the minimum of three students required for the class to run, we will contact you before the start of the class to discuss alternatives.
- ▶ For your convenience, you may pay by credit card either on-line or at Newton's Attic, however, to help us reduce credit card processing fees, you can choose to pay by check (or cash) on the first day of class. Thank you! Our Tax I.D. for your Flexible Spending Accounts is 52-2115824.
- ▶ Please send a sack lunch with your child. Additionally, we sell bottled water, soft drinks and snacks or you may bring your own. We provide a refrigerator, freezer, toaster oven and microwave for your convenience. Parents are welcome anytime, and we offer free wifi and a lounge.
- ▶ We are located at 4974 Old Versailles Rd. on the corner of Versailles and Old Versailles Rd. From Lexington, take Versailles Rd. toward the airport and travel 1.6 miles past Man O War to a left onto Old Versailles Rd. We are your first left just before the Carpet Barn in an olive green building in a gravel lot.
- ▶ [Sign up for our e-newsletter](#) to receive complete information on our afterschool and weekend classes, summer camps, scout programs, and birthday parties.

NEW!!! SwordCraft **Grades 6th and Up**

Half-day, Mornings • M-F: 9 AM - 12:30 PM • Cost: \$225/wk includes materials fee

Swords have been around for about 5,000 years and are simple and easy to use. Well, not really. There is much more science and engineering to a sword than meets the eye, and skillfully using one takes considerable practice. In this class, students will make wooden and pvc swords and learn about engineering related topics such as balance, angular inertia and momentum, and center of percussion. Then, after padding the swords with foam and outfitting each participant with the proper safety gear, the class will introduce students to basic sword handling and sparring techniques. So, get ready to put on your suit of armor, learn some new skills and engage in some high energy medieval fun in this highly creative, engineering intensive class.

Camp Catapult **Grades 5th and Up**

Half-day, Afternoons • M-F: 1:30-5 PM • Cost: \$195/wk

Siege Alert! Look out, it's time for flying tennis balls, eggs and bags of Jell-O as this camp offers participants the opportunity to design and build a table top size catapult or trebuchet. Students start with a kit of wood, steel, aluminum and plastic parts and create their catapults. When students finish their inventions, they field test them in a fun and exciting activity.

Da Vinci Kids **Grades 1st-3rd**

Half day, Mornings • M-F: 9 AM-12:30 PM • Cost: \$225/wk or \$55/per individual day registration

Science, math, engineering, art: Da Vinci was a master of it all. In this class designed exclusively for young developing minds, students get to follow in his footsteps by engaging in a variety of stimulating activities that cut across a wide range of disciplines. Tool use, building and engineering, chemistry and biology, art and design, spontaneous improvisation, and healthy dose of brain and body play are all mixed together to form this experience. Each activity will last anywhere from 30 to 60 minutes as students move from one subject to the next while making new discoveries about the diverse world around them. Who knows - with this wide range of topics, your child just may discover something of interest that he or she never even imagined.

Kerbal Space Program

Grades 5th and Up Half-day, Mornings • M-F: 9 AM-12:30 PM
Grades 3rd and Up Half-day, Afternoons • M-F: 1:30 -5 PM
Cost: \$185/wk or \$45/per individual day registration

Just about everyone has heard of Minecraft, but there is another computer game phenomenon that is just as much fun and much more educational. It's called Kerbal Space Program, and its popularity is skyrocketing. In this computer based camp, students will learn how to use the game software to create and manage their own mini -space program. They construct virtual rockets, launch them into orbit and attempt to do a variety of NASA like activities like dock with a space station, land on the moon, or attempt to mine an asteroid. Although this is a computer game, playing it is not as whimsical as one would think. Students must learn and apply some basic physics, math, engineering and even a little orbital mechanics as they attempt to become virtual test pilots and astronauts. It's not just a kid's computer game, it actually IS rocket science.

Distribution of non-school materials does not imply sponsorship or endorsement of the contents by the Fayette County Public Schools. Students needing financial assistance may apply to Newton's Attic for sponsorships.

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Kiddie Chemistry **Grades 1st-3rd**

**Half-day, Afternoons • M-F: 1:30 -5 PM • Cost: \$195/wk or \$45/
per individual day registration**

Formulated for the youngest of Newton's Attic participants, Kiddie Chemistry offers all the fun of our older kids' chemistry camp tailored to 1st through 3rd graders. Bubbling potions, flash paper experiments, glow in the dark liquids and other mystifying phenomena will be the reaction products in this fun and stimulating excursion into the world of kitchen chemistry. So kids, prepare to get out the lab equipment and be ready to avoid those fumes (just kidding) because Kiddie Chemistry is going to be just the right mix of fun and learning.

Lego Robotics Multi-level **Grades 3rd and Up**

Half-day, Mornings • M-F: 9 AM-12:30 PM • Cost: \$185/wk

This multi-level course is structured for beginners with no Lego robotics experience as well as students with some programming experience. The small class size (no more than twelve students) allows for individualized instructional pace. Students will be taught to build and program a robot and will learn how to use the NXT's motors and sensors in a small project that can be completed in a single day.

Mini Robots Mega Fun **Grades 3rd and Up**

**Half-day, Afternoons • M-F: 1:30 PM - 5 PM • Cost: \$195/wk
or \$45/per individual day registration**

The toy designers at the Attic have created a fleet of notebook sized remote control robots on which teams of students can build a variety of mechanisms and constructs to engage in numerous activities. In this camp, each student will be assigned his or her own mini-bot platform to use for the week. Each day the class will be presented with a new competitive challenge to be completed during that class period. Players will engineer and construct gadgets to accomplish these challenges, attach their inventions to the robots and then engage in competitive events using their inventions. Trophies will be awarded to the winner of each daily challenge, but the real prize will be the fun and learning that goes on in this highly creative, engineering intensive class.