

MARCH 28TH - APRIL 1ST >> TO REGISTER ONLINE, CLICK [HERE](#).

- ▶ Newton's Attic will hold a Spring Break program during the week of March 28th while Fayette and surrounding counties are out of session.
- ▶ Full-week classes are offered for students ages 6 to 17 with half day and full day options. Half day mornings run 9:00 AM to 12:30 PM and half-day afternoons run 1:30 to 5:00 PM. Two half day classes can be combined for a full day. Da Vinci Kids does not repeat projects so can be taken half day or full day. There is no charge for early drop starting at 8:30 AM or late pickup until 5:30 PM. Earlier drop off and later pickup can be arranged by request for \$5 per half hour per child.
- ▶ Age restrictions are listed in class descriptions. Please call Dawn at 859-492-8511 to discuss exceptions and to register outside the age restriction.
- ▶ For your convenience, you may pay by credit card either online 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.
- ▶ We sell bottled water, soft drinks and snacks. You may send your own snacks and we provide a refrigerator, freezer, toaster oven and microwave for your convenience. Parents are welcome anytime, and we offer free wi-fi and a lounge.
- ▶ We are located at 4974 Old Versailles Road on the corner of Versailles and Old Versailles Road. From Lexington, take Versailles Road toward the airport and travel 1.6 miles past Man O War. Take a left onto Old Versailles Road, and we are your first left just before the Carpet Barn.
- ▶ [Sign up for our e-newsletter](#) to receive complete information on our afterschool and weekend classes, Scout programs, and birthday parties.

NEW!!! Maker Board Mayhem

Ages 11-17 • Cost: \$195/week + \$75 optional materials fee to keep the Maker Board! • Instructor: Keith Hollifield

Half Day, Mornings • M-F: 9:00 AM -12:30 PM

The first lesson most budding engineers learn is how to take something apart and see how it works. That is the approach we take to coding in this class. Students will be presented with code examples, components and in-depth walkthroughs to guarantee early success. Example projects include a Countdown LED and

Alarm, Four Note Piano, Multi-Glow Colored Lamp, Coin Toss, Dice Roll, Reaction Timer, Simon Says and many others. We will dissect how the system works and from there the student can modify and expand as far as their creativity will allow.

Maker Board is a tiny, simple computer that you can learn to program in minutes. It was developed in Kentucky by our friends at Let'sStartCoding.com. It is designed as a first step to bridge between the real world and code. The code you develop is compatible with the widely used Arduino architecture so there are many opportunities to use the lessons learned in your home projects. After the week is over, you can buy your own Maker Board kit so the learning can continue at home.

Camp Catapult

Ages 9-16

Half-day, Mornings • M-F: 9:00 AM -12:30 PM • Cost: \$195/wk

Full Day • T or TH: 9 AM - 5 PM • Cost: \$85/per day

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 catapult. When students finish their inventions, they field test them in a fun and exciting activity.

Da Vinci Kids

Ages 6-9 • M-F

Half day, Mornings • 9:00 AM-12:30 PM • Cost: \$225/week

Half day, Afternoon • 1:30 PM-5:00 PM • Cost: \$225/week

Da Vinci Kids can be taken as a full day class or half-day, either morning or afternoon. Morning and afternoon projects will not be repeated, so students will have new material in each session. To register for full day, please sign up for both morning and afternoon. Please call to register for a single day class.

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

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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

Ages 9-15 • Cost: \$195/week • Instructor: Keith Hollifield
Half-day, Afternoons • M-F: 1:30 PM -5:00 PM

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.

Lego Robotics Multi-level

Ages 8-15 • Cost: \$175/week • Instructor: Parker Owen
Half Day, Mornings • M-F: 9:00 AM -12:30 PM

This multi-level course is appropriate for complete beginners with no Lego robotics experience. However, the small class size (no more than ten students) allows students to work at their own pace, so more advanced students can be accommodated. Students will be taught to build and program a robot and will learn how to use the NXT's motors and sensors in small projects throughout the session.

Programming With Scratch

Ages 10-16 • Cost: \$175/week • Instructor: Parker Owen
Half Day, Afternoons • M-F: 1:30 PM -5:00 PM

Scratch is an easy to learn and easy to use 2-D computer programming module designed by the MIT Media Lab. Scratch helps young people learn to think creatively, reason systematically, and work collaboratively. With Scratch, students learn the design and development process that goes into some of their favorite computer programs. Students will be designing and programming their own ideas into interactive stories, games and animations. For beginners, this camp will show them the basics

of programming. For students with experience, this camp will allow them to develop their ideas into more complex programming. No prior experience required.

Rube Goldberg Machines

Ages 9-16

Half Day, Afternoons • M-F: 1:30 AM -5:00 PM • Cost: \$195/wk
Full Day • M, W or F: 9 AM - 5 PM • Cost: \$85/per day

We've all seen them, but not everyone knows them by name. Rube Goldberg machines are contraptions made of household items, junk and just about anything that can be connected together in a convoluted arrangement that can be set off to produce a chain reaction of motion that typically ends in some sort of grand finale. In this introductory class, young students learn how to engineer table top sized Rube Gold-bergs from all sorts of items found in the extensive collection of vintage parts at Newton's Attic. So crank up your creativity, imagination, sense of humor, and get ready to learn about tool use, basic engineering and outside the box thinking in this entertaining and educational experience.

Bricks 4 Kidz®

DAILY CAMP OPTION - [→REGISTER](#)

Ages 5+ • Half Day, AM • M-F: 9 AM -12:30 PM • Cost: \$45/day
Ages 5+ • Half Day, PM • M-F: 1:30 PM -5 PM • Cost: \$45/day
Ages 5+ • Full Day • M-F: 9 AM -5 PM • Cost: \$75/day

Join us for camp one day at a time. We will be highlighting models from our summer camps so themes will vary each day. Once enrolled, email tmorris@bricks4kidz.com to verify days and times for your child. 10% Sibling Discount

WEEKLY CAMP OPTION - [→REGISTER](#)

Ages 5+ • Half Day, AM • M-F: 9 AM -12:30 PM • Cost: \$175/wk
Ages 5+ • Half Day, PM • M-F: 1:30 PM -5 PM • Cost: \$175/wk
Ages 5+ • Full Day • M-F: 9 AM -5 PM • Cost: \$300/wk

Join us for camp options the entire week of spring break. We will be highlighting models from our summer camps so themes will vary each day. Once enrolled, email tmorris@bricks4kidz.com if you need AM, PM or Full Day. 10% Sibling Discount

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