



All classes are offered in both the AM and PM sessions!

Pre-registration is required and must be postmarked by March 8

# SUPER SATURDAY

Enrichment Program for Gifted and Talented Youth

Kindergarten - Grade 6

March 15, 2014 10am-12pm & 1pm-3pm

Athens-Chilesburg Elementary

Spring 2014 Classes

New Location!



## K-1 Secret Formulas with Susan Sither

Come join in the fun as we become laboratory scientists and creative inventors. We will make our own toothpaste and ice cream. These sweet and tasty activities provide real-life experiences with chemistry, and build student comprehension of cause and effect.



## K-1 Potions in Motion with Elisa Wain

In chemistry, a reaction happens when 2 or more molecules interact and the molecules change. We will explore this concept by mixing potions and lotions and observing the awesome results. Some of our potions will include elephant toothpaste, rainbow slime, edible slime, quicksand, magnetic silly putty, lava, and more



## 2-3 Identity Inside Out with Sarah Campbell, *The Living Arts and Science Center*

Are you silly or serious? Messy or meticulous? Are you short? Are you tall? Are you calm or off-the-wall? We'll have lots of fun getting to know each other as we use colors, textures, and other elements of art to describe ourselves. We'll use markers, paint pens, beads, baubles, and more to create mixed-media artworks that reflect who we are on the outside and on the inside.



## 2-3 Camp Invention with Hillary D. McWhorter, *Camp Invention*

Get ready for fun science! The first challenge is to hover a helium filled balloon. The variable? Bubble gum! Participants must have skill and determination to create a neutrally buoyant helium filled balloons using only bubble gum. Who said you had to keep gum in your mouth? Not when it is in the name of science! Participants will then make egg-marines to experiment with neutral buoyancy. Scuba divers must achieve buoyancy control to avoid crashing into coral reefs and other fragile marine life, explore the environment at certain depths and avoid going deeper or ascending faster than is safe. If divers do not control their buoyancy and ascend too quickly to the water's surface, they risk getting decompression sickness that is commonly called "the bends."



## 2-3 Lego Physics with Teresa King

Investigate Simple Machines concepts by building LEGO models and observing their properties in physics lab experiments. Build engineer-designed projects such as boats, bridges, mazes and motorized cars, and use special pieces to create your own unique design! Apply your understanding as you build new constructions and interact with animated models by using the LEGO WeDo motors, sensors, and programming software. LEGOs stimulate the imagination, encourage creativity and help students develop innovative ideas in order for them to create narratives, characters, and storylines to enhance their creative writing skills. This is an ideal way to prepare young builders for the challenge of Engineering FUNdamentals.





For more information and application go to our website [www.lexkage.com](http://www.lexkage.com)

# SUPER SATURDAY

## Enrichment Program for Gifted and Talented Youth Kindergarten - Grade 6

### Spring 2014 Classes (continued)

4-6

#### MOVE IT! with Patti Works

Have some fun with force and motion concepts! In this class, you'll get to experiment with action! Create and improve a simple catapult, design a lever system to lift one hundred pounds with just one finger, mess around with simple gear systems, design a roller coaster for a marble, and arrange a ramp system to push an object an exact distance. Let's move it!



4-6

#### Brain Games with Bill Cloyd, Newton's Attic

Match wits, nerves and reaction time in this mind stretching venture into the world of strategy and thinking games. During this class, students will construct 3 different games from wood, plastic, metal and other materials. Participants learn about the engineering process as well as basic fabrication techniques as they use simple hand and power tools to create their games. Once completed, the games are used by the students in friendly, one on one, competitions while they develop strategy skills, spatial thinking, and logical reasoning. Prizes will be awarded to victorious competitors. The games students will build are Cracker Barrel Puzzle, Mastermind, and Code Wheels.



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