

**FOR IMMEDIATE RELEASE:**  
April 27, 2015

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**IDEAVENTIONS ACADEMY TO OPEN IN RESTON, VA THIS FALL**

**FOCUS ON STEM SUBJECTS FOR 4<sup>TH</sup> – 8<sup>TH</sup> GRADERS**

**ONLY ELEMENTARY/MIDDLE SCHOOL IN THE COUNTRY TO REQUIRE  
COMPUTER SCIENCE AS A CORE CLASS**

**GROUNDBREAKING ON MAY 18, 2015**

RESTON, VA – [Ideaventions Academy for Mathematics and Science](#), opening this fall, is a brand new school for gifted 4th – 8th grade students who have a special interest in science, technology, engineering and/or math (STEM). Breaking ground on May 18, the private academy is the only elementary/middle school in the country to require computer science as part of its annual core curriculum.

Ideaventions Academy combines hands-on, project-based learning with classical education, while providing a collegial environment where students help design their schedule, choosing from required core classes and a diverse set of electives. Courses include: computer science, cellular biology, computational design, iOS and Android app development, engineering and more. The curriculum will also go beyond STEM-based classes and will include arts, music, humanities, foreign languages and physical education. Learning will also extend outside of the classroom with opportunities for students to participate in community service projects and fields trips. The classes will be taught by world-class faculty, who are experts in their fields.

Ideaventions Academy was started by alumni of Thomas Jefferson High School for Science and Technology, Juliana and Ryan Heitz. After they had an unsuccessful search to find a science enrichment class for their son, they decided to create their own teaching science center and started [Ideaventions](#). Ideaventions opened its doors in 2010, which brings classes, camps and after-school programs focused on STEM to young learners. Growing and learning from their experience at Ideaventions, they decided to start this academy to continue to provide a STEM-based education.

Ideaventions Academy will be located at [12340 Pinecrest Road](#) in Reston, Va. The academy will have a small, community feel and will feature colorful, collaborative workspaces, a game area, a reception/genius bar and will focus on fostering creative thinking through color and design. Click [here](#) for renderings of the space. Follow the academy's progress with weekly updates on the academy's blog [here](#).

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Ideaventions Academy for Mathematics and Science is a private school for 4th-8th grade students gifted in mathematics or sciences. The Academy is geared to active learners with a passion for science and mathematics. In its seminal year, the Academy is accepting students entering 4th, 5th, 6th and 7th grade. Ideaventions Academy is an outgrowth of [Ideaventions](#)<sup>®</sup>. Drawing upon Ideaventions<sup>®</sup>' philosophy of providing engaging and knowledgeable teachers, the Academy provides a warm and comfortable learning environment with small class sizes and a hands-on, challenging curriculum. Ideaventions Academy provides children an inspiring environment to grow, thrive, and explore.