

Gifted Explorations

Simulation Saturdays

Four exciting Saturdays are planned for the 2014-2015 school year at Jackson Academy. Students with gifted aptitudes have the opportunity to delve into the world of creation and explore new ways of thinking, maximizing the application of knowledge.

Place: Jackson Academy Cafeteria

Time: 9:00-3:00

Cost: \$75 per Saturday (made payable to JA)

Ages: Students in grade 2 - 6

September 20: Re-Toy / Game Creation

Students will be immersed in **Maker's Station** using old toys that will be reconstructed to create a new toy from their imagination. Students will learn the structure behind patenting a product and how to create a novel invention.

Students will also create a board game that has never been on the market, complete with instructions, materials and marketing strategies. Part of the creative process will include naming their product, deciding the target age for the game, and researching an appropriate price. Students will leave the exploration understanding what it takes to be in the toy business and how to attempt patenting a new invention.



November 8: Flight

Students will learn the dynamics of aeronautics including the concepts that are involved in flying an airplane. Each student will build an airplane out of unrelated items using knowledge gained in the workshop. Students will create a simulation of a working airport complete with a runway and terminal. Pilots will be on hand to give instruction and teach campers the basics of flight. Students will also have the opportunity to fly airplanes by remote control to get the feel of what it takes to navigate air space. Come join us for a day of flight!



February 21: “Build It Festival”

Weaving mathematical concepts into engaging, hands-on construction activities, students will be involved in a wide assortment of activities that emphasize construction, geometric challenges, and spatial visualization. Activities such as Architect/Builder involve students in free exploration of materials and lay the foundation for mathematical challenges such as Dowel Designs, Polyhedra, and Symmetry. Students will create 3-D projects that will incorporate new learning and stimulate creative insight.



April 11: Bubbleology “Bubble Festival”

Discovering the sparkles in the iridescence, surface tension, buoyancy, and shape of bubbles, students discover through independent thinking and cooperative learning. From “Bubble Shapes” to “Bubble Skeletons,” students delve into the intriguing science behind the world of bubbles. Using scientific content as a base, students create a world of bubbles as they venture through learning stations and explore the chemistry. Students will create and present a *Bubble Festival* for their parents and friends to teach others and give insight into the magical world of bubbleology!



Application

Camper Information

Name: _____
Address: _____
Parent/Guardian Name(s) _____
Work/Cell Mother _____ Father _____
Parent(s) email _____
Grade (2014/2015) _____ School _____

Emergency Contact (other than parent/guardian)

Name: _____ Phone _____

Medical Information

Please include any medical information (including allergies) needed to insure your child's health and safety.

Qualifying Criteria (must meet ONE criteria below-please check those that apply)

- * ___ **IQ score of 120 or above- verbal, performance or full scale**
- * ___ **Score 90% or above on national level on a standardized testing in one of the following: total reading, total math, total language or total battery**
- * ___ **Teacher recommendation of academic and intellectual ability if student has not been tested**
- * ___ **Enrolled or identified as gifted in a school program**

Please mail completed application and payment to:

Jackson Academy
Attn: Business Office
PO Box 14978
Jackson, MS 39236-4978

(check those that apply)

September 20 \$75 _____
November 8 \$75 _____
February 21 \$75 _____
April 11 \$75 _____

Unless the JA Marketing office is notified otherwise in writing, it is assumed that permission is given for the photographs and videos of camp participants to appear in any media.