

# Summer at Laurel



## HAPPY CAMPERERS TELL US...

“My favorite thing at camp was making new friends!”

— 9-year-old Summer '11 Camper

“I liked water day at camp. I also liked the parachute.”

— 4-year-old Summer '11 Camper

“I liked doing arts and crafts and reading books in the Magic Tree House.”

— 7-year-old Summer '11 Camper

REGISTER ONLINE at [www.LaurelSchool.org/Summer](http://www.LaurelSchool.org/Summer) • Great Lakes Science Center Camps register online at [www.GreatScience.com](http://www.GreatScience.com)



Look what

# Summer at Laurel

has in store for you...

June 4 - August 10, 2012



CO-ED CAMP OFFERINGS FOR CHILDREN  
PREKINDERGARTEN – GRADE 12

CO-ED LAUREL SUMMER INSTITUTE  
CLASSES FOR GRADES 9-12

# Summer at Laurel

JUNE 4 - AUGUST 10, 2012

**WELCOME** to the Summer at Laurel 2012 Camp and Summer Institute catalog! From art, drama, sports, outdoor adventure, science and leadership building to reading, writing, speech and debate, we have a summer extravaganza sure to appeal to girls and boys Prekindergarten—Grade 12. Our Summer at Laurel curriculum is designed by Laurel School teachers and administrators (and in some cases in partnership with other institutions) who believe that summer is a time for children to be curious, explore the outdoors, meet new friends, expand their knowledge, learn new skills and have FUN! **To make it easier to find programs geared for your child, our Camp and Summer Institute offerings are organized by age—you will find some programs are listed in more than one age category as they bridge grade levels.** The color-coded chart on page nine is a great way to view Summer at Laurel 2012 at a glance.

We offer programs at both our 11-acre Lyman Campus in Shaker Heights and our 140-acre Butler Campus in Russell Township, and we do provide shuttle transportation to and from for an additional cost. All registration is online. See Camp 101 below for more information.

## Camp 101

### **ONLINE REGISTRATION:** [www.LaurelSchool.org/Summer](http://www.LaurelSchool.org/Summer)

To register for Great Lakes Science Center camps visit [www.GreatScience.com](http://www.GreatScience.com), or call 216.621.2400 (9 a.m.–5:30 p.m.) Monday–Friday.

Registrations will be accepted until camps are full; if required, registrants will be wait-listed in the order received.

**Questions?** Contact Summer at Laurel Director Melissa Curtis at 216-455-0154 or [Summer@LaurelSchool.org](mailto:Summer@LaurelSchool.org)

**FOURTH OF JULY HOLIDAY:** *Summer at Laurel will be closed on Wednesday, July 4. Camp fees for that week are discounted 20% from the five-day-week fee.*

### **PAYMENT:**

Tuition and fees for the 2012 Programs are reflected throughout the brochure. **A 5% discount applies to all registrations received prior to April 1.** Payment may be made by E-check or credit card (MC, Visa, AMEX, or Discover). Full payment is due upon registration. In the event that a refund is required, please note that there is a \$50 non-refundable registration fee built in to the tuition; thus the amount of the refund will be \$50 less than the amount paid. Refunds will not be granted after May 1. A \$15 registration fee per camper will apply at the time of registration.

### **FAMILY DISCOUNT:**

Families registering multiple siblings will receive a 20% discount on tuition for the third child.

### **LUNCH & SNACKS:**

**NEW!** Hot and cold lunch options by Laurel's Culinary Staff are provided to all campers and students at both the Butler and Lyman Campuses. A slight increase of \$3/day has been added to camp costs to cover a portion of this added provision. Summer at Laurel also will contribute \$3/day to cover the remaining portion of lunch costs so that campers do not need to bring packed lunches. **However, all campers will need to bring two snacks and a water bottle each day.**

### **SHUTTLE & AFTER CARE:**

Round trip shuttle service is available for a separate fee of \$25/week for Summer at Laurel campers attending camp at Laurel's Butler Campus beginning June 11. The shuttle leaves from Laurel's Lyman Campus at 8:30 a.m. and leaves the Butler Campus at 3:45 p.m. to return to Lyman by 4:00 p.m. Pre-registration is required.

After Care will be available beginning June 11 for a separate fee of \$40/week for Summer at Laurel campers beginning June 11 from 4-5:30 p.m. daily at the Lyman Campus. Pre-registration is required.

### **GENDER:**

With the exception of GIRLS Get Fit, GLEE, Channel 56:GIRLS ONLY, and GIRLS ONLY: Science that sparkles (GLSC), all camps and courses are coeducational.

### **ABOUT LAUREL:**

For well over 100 years, Laurel School has educated girls K–12 to be independent and creative thinkers who care about the world around them. Whether she is interested in the academics, arts or athletics, Laurel helps each girl discover her own voice. The work of this nationally-recognized school, led by Head Ann V. Klotz, is fueled by its mission: *to inspire each girl to fulfill her promise and to better the world.* Located in Shaker Heights, with a 140-acre wooded outdoor campus in Russell Township, Laurel School also offers a coeducational Pre-Primary program for preschool and prekindergarten. For more information about Laurel School, contact the Admission Office at 216-464-0946.

### **OUR CAMPUSES:**

**Lyman Campus** — One Lyman Circle in Shaker Heights  
**Butler Campus** — 7420 Fairmount Road in Russell Township

### **GREAT LAKES SCIENCE CENTER CAMPS (GLSC):**

The leader in science education in Northeast Ohio, GLSC provides unique camp experiences at Laurel's Lyman Campus for young scientists, inventors and engineers. Each week includes a field trip to the GLSC and admission to an OMNIMAX movie. Tuition is prorated the week of July 2. Campers may purchase a weekly hot lunch option or bring a brown bag lunch. All campers must bring a snack each day for the GLSC programs. Camp curriculum plans for students to be inside and outside. Campers should come dressed for the weather. After Care is available for an extra fee.

# FOR CHILDREN IN PREKINDERGARTEN AND KINDERGARTEN

## THE GATOR TRAIN CAMP

**Ages:** Entering PreKindergarten and Entering Kindergarten  
**Dates:** June 18 – July 27  
**Time:** 9 a.m. – 1 p.m.  
**Format:** Six one-week sessions designed around themes; campers are encouraged to sign up for multiple weeks.  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$188/session (Register by April 1 and save 5%!)

All aboard! It's time to ride the Gator Train, Laurel's popular Pre-Primary camp! Crafts, sports, science experiments, field trips, outdoor play, indoor play and creative arts make this camp an adventure for the youngest camper. By the way, seats on this train are limited...make your reservation today! Themes are as follows:

*Week 1: Blast Off into Space*

*Week 2: Green Thumbs Up*

*Week 3: Happy Birthday, America*

*Week 4: There's a Commotion in the Ocean*

*Week 5: When I Grow Up*

*Week 6: Dinosaur Land*

## LITTLE RACQUETS

**Ages:** Entering PreKindergarten and Entering Kindergarten  
**Dates:** June 18 – July 26, Mondays  
**Time:** 1 – 2 p.m.  
**Format:** One six-week session; time and location allows Gator Train campers to extend the camp day on Mondays.  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$130/session (Register by April 1 and save 5%!)

Would you like your child to learn a lifetime sport? A certified, portable tennis program for children, Little Racquets emphasizes FUN rather than competition. The program introduces children to basic forehand, backhand, volley, overhead and serving fundamentals. This technique leads to playing games on "short" courts with miniature nets, foam and tail balls (ribbon attached to ball). Children are engaged in energizing activities such as: imaginative obstacle courses, agility ladder relay races, king/queen of the court, small-net tennis, Land of Oz, tennis baseball and forehand, backhand and volley progression drills! Junior size racquets are provided.

## PRESCHOOL GYMNASTICS

**Ages:** Entering Pre-Kindergarten and Entering Kindergarten  
**Dates:** June 19 – July 27, Tuesdays and Thursdays  
**Time:** 1 – 2 p.m.  
**Format:** One six-week session; time and location allows Gator Train campers to extend the camp day on Tuesdays and Thursdays.  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$180/session (Register by April 1 and save 5%!)

Preschool Gymnastics is a free-flowing, fun class that helps young children with body awareness through movement. Using low-level equipment, including balance beam, balance blocks, tumbling mats, hanging bar,

parachute, balls, lettered bean bags, foam paddles and ropes, children improve strength, balance, flexibility and coordination. Children stay motivated and active through games. Preschool Gymnastics is a great introduction to more advanced physical activity for young children.

## KIDZART

**Ages:** Entering PreKindergarten and Entering Kindergarten  
**Dates:** June 20 – July 25, Wednesdays (no class July 4)  
**Time:** 1 – 2 p.m.  
**Format:** One six-week session; time and location allows Gator Train campers to extend the camp day on Wednesdays.  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$85/session (Register by April 1 and save 5%!)

*Week 1—Blast off into Space: 3... 2... 1... Blast off!* Using Prismacolor and Mr. Sketch Markers, campers create a cool space ship. They learn about the "junk" in outer space and create a two-sided round puzzle.

*Week 2—Green Thumbs Up:* Campers paint a flower pot and plant marigolds in it to take home and watch grow! Using bendable copper wire and beads, they design a Garden Stake for an outside garden.

*Week 3—July 4—Happy Birthday, America!* No class.

*Week 4—There's A Commotion in the Ocean:* Campers make a Cloud Clay Sea Dragon that actually "pops" out of the Sea. Using watercolors, they create a beach scene with starfish, sand, water and a turtle.

*Week 5—When I Grow Up:* Campers create a tempera painting with their hands and feet. *Note: both hands and feet will get paint on them; we will do our best to get all paint off! Campers also make a mosaic tile around their own handprints in the cement.*

*Week 6—Dinosaur Land:* Campers create a dinosaur with velour paper and colored pencils. They learn about how fossils are formed, and what they look like. Then, using sand, coffee grounds, salt and shells, they create their own fossil (it dries in 24 to 48 hours.) *Note: Although campers are not to eat this or any of our projects, we do use flour for our Faux Fossil. Accommodations will be made for those with food allergies.*

**NEW!**

**NEW!**

**NEW!**



## WEEKLY SCIENCE CAMPS BY GREAT LAKES SCIENCE CENTER

**Ages:** Entering Kindergarten – Grade 8

**Dates:** June 11 – August 10

**Time:** 9 a.m. – 4 p.m.

**Format:** Nine one-week sessions; different content each week

**Location:** Laurel's Lyman Campus in Shaker Heights

**Tuition:** \$250/session (\$230 for GLSC members)

(Fourth of July week is \$200 or \$184 for GLSC members)

**Registration:** [www.GreatScience.com](http://www.GreatScience.com) or call 216.621.2400

### Chemical Connections

**(K-1) JUNE 18 – 22**

Experiment with acids and bases, make slime and mix solutions that glow in the dark! Learn basic principles of chemistry as you mix, pour, and stir concoctions that change before your eyes. Investigate how you use chemistry in your everyday life while getting a little messy!

### Claws, Paws, & Jaws

**(K-1) JULY 2 – 6 (no class July 4)**

Reptiles, amphibians and mammals, oh my! Discover the animals that share our planet as we explore how they breathe, eat, hide and behave.

### Critters of the Night

**(K-1) JULY 30 – AUGUST 3**

What goes bump, skitter, and hoot in the night? Animals that come out to play when the sun goes down! From echolocation to bioluminescence, creatures of the night hunt, protect themselves and communicate in pitch black conditions.

### Gadgets and Gizmos

**(K-1) July 16 – 20**

Build gadgets and gizmos that fly, spin, wobble and roll. Learn about simple and complex machines, and take a peek inside common household objects as you create your own gadget!

### Gross Out

**(K-1) JUNE 25 – 29**

Can you handle belches, boogers and blisters? Worms and insects? Discover the biology and chemistry behind these and other disgusting stuff.

### Junior Engineer

**(K-1) JULY 9 – 13**

What do engineers do? Investigate the structure of bridges and buildings, illuminate a light bulb, design an airplane, create your own city and more!

### Pirate Adventure

**(K-1) JULY 23 – 27**

Ahoy, me first science officers! X marks the spot, to uncover how yer ship stays afloat, how yer gold stays a-shiny and how ye can navigate using only yer wits and yer knowledge of astronomy. Plunder the seas of science, scallywags, if ye dare! Arrrrgh!

### Space Explorer

**(K-1) June 11 – 15 & August 6 – 10**

Calling all junior astronauts! Build and launch a rocket, view a real moon rock, train to become an astronaut, sample soil from Mars and experience the STARLAB planetarium.



# FOR CHILDREN IN GRADES 1- 4

## MAGIC TREE HOUSE CAMP

**Ages:** Entering Grades 1 – 2

**Dates:** June 18 – August 10

**Time:** 9 a.m. – 4 p.m.

**Format:** Eight one-week sessions each designed around a book in the *Magic Tree House* series; campers are encouraged to sign up for multiple weeks.

**Location:** Laurel's Butler Campus in Russell Township\*

*\*Shuttle Service from Laurel's Lyman Campus to the Butler Campus is available for an additional charge.*

**Tuition:** \$315/session (Register by April 1 and save 5%!)

Inside Laurel's 1,600-square-foot Magic Tree House, Mary Pope Osborne's magical series of time-travel books—full of adventure, exploration and history—come alive each week. Scavenger hunts, nature hikes, outdoor play, drama, sports, field trips, swimming and creative arts round out the following themes:

*Week 1: Midnight on the Moon*

*Week 2: Monday with a Mad Genius*

*Week 3: Revolutionary War on Wednesday*

*Week 4: Tigers at Twilight*

*Week 5: Day of the Dragon King*

*Week 6: Hour of the Olympics*

*Week 7: Dinosaurs Before Dark*

*Week 8: Pirates Past Noon*

## READING EXPLORERS

**Ages:** Entering Grades 1 – 4

**Dates:** July 2 – July 27

**Time:** 8 – 9 a.m.

**Format:** One four-week session

**Location:** Laurel's Butler Campus in Russell Township

**Tuition:** \$320 (Register by April 1 and save 5%!)

Children explore reading skills and strategies required to become phrased and fluent readers. Children are individually assessed and the teacher provides support and instruction in the areas of phonemic awareness, phonology, fluency and comprehension. This camp provides an excellent opportunity for a child to build and strengthen the basic skills needed to soar in reading! The location and time of this class allows children to participate in other camp offerings that begin at 9 a.m.

## JUST WRITE!

**Ages:** Entering Grades 1 – 4

**Dates:** July 2 – July 27

**Time:** 9 – 10 a.m.

**Format:** One four-week session

**Location:** Laurel's Butler Campus in Russell Township\*

*\*Shuttle Service from Laurel's Lyman Campus to the Butler Campus is available for an additional charge.*

**Tuition:** \$320 (Register by April 1 and save 5%!)

"Just Write" is a handwriting camp for children in a playful learning environment. A multi-sensory approach focuses on movement and includes gross motor exercises, visual-perceptual movement and fine motor activities.

**NEW!**

## THE DARING CAMP FOR GIRLS AND BOYS

**Ages:** Entering Grades 3 – 4

**Dates:** June 18 – August 10

**Time:** 9 a.m. – 4 p.m.

**Format:** Eight one-week sessions designed around the books *The Daring Book for Girls* and *The Dangerous Book for Boys*; co-ed campers are encouraged to sign up for multiple weeks.

**Location:** Laurel's Butler Campus in Russell Township\*

*\*Shuttle Service from Laurel's Lyman Campus to the Butler Campus is available for an additional charge.*

**Tuition:** \$315/session; (Register by April 1 and save 5%!)

Each week is packed full of fun and imaginative activities found within the very popular children's books. Weekly theme activities include science experiments, games, sports, crafts, nature exploration, field trips, swimming, wood working and much more! And what better way to complete each day than with Laurel's Project Adventure Course? Campers learn the importance of teamwork as they experience the low-ropes elements. Themes are as follows:

*Week 1: Dare to be an Astronaut*

*Week 2: Dare to be an Artist*

*Week 3: Dare to be a Hero*

*Week 4: Dare to be a Detective*

*Week 5: Dare to be a Chef*

*Week 6: Dare to be an Olympian*

*Week 7: Dare to be a Paleontologist*

*Week 8: Dare to be a Magician*

## SUMMER LANGUAGES INSTITUTE

**Ages:** Entering Grades 3 – 5

**Dates:** August 6 – 10

**Time:** 9 a.m. – 4 p.m.

**Format:** One-week session; students may register for Chinese, French or Spanish

**Location:** Laurel's Lyman Campus in Shaker Heights

**Tuition:** \$360/session (Register by April 1 and save 5%!)

The Summer Languages Institute introduces students to modern languages and gives them a foundation which they can use to enter a language class at their grade level. Chinese, French and Spanish are taught by Laurel faculty in classes centered on a particular theme, such as animals and their habitats, cuisine, athletics and travel. Instructional time is divided between language and cultural activities conceived to instill a sense of excitement about learning a language in an engaging and age-appropriate way.

**NEW!**

## GIRLS LEARNING THROUGH EXPERIENTIAL EDUCATION – GLEE

**Ages:** Entering Grades 4 – 6 (Girls only)

**Dates:** June 11 – June 15 with a Family Campout overnight June 15

**Time:** 9 a.m. – 4 p.m.

**Format:** One-week session

**Location:** Laurel's Butler Campus in Russell Township\*

*\*Shuttle Service from Laurel's Lyman Campus to the Butler Campus is available for an additional charge.*

**Tuition:** \$375 (Register by April 1 and save 5%!)

"GLEE goes camping...again!" is the theme of this year's very popular camp! Girls learn the basic elements of camping, such as pitching a tent, cooking

over a campfire, navigating the trails of Laurel's Butler Campus, singing campfire songs and much more. They experience the benefits of teamwork as they take on the low and high elements on Laurel's Project Adventure course. On the final day of camp, families are invited to join GLEE for our third annual GLEE Family Campout, led by the girls themselves. *Register early. This camp sold out quickly in 2011.*

## WEEKLY SCIENCE CAMPS BY GREAT LAKES SCIENCE CENTER

**Ages:** Entering Kindergarten – Grade 8

**Dates:** June 11 – August 10

**Time:** 9 a.m. – 4 p.m.

**Format:** Nine one-week sessions; different content each week

**Location:** Laurel's Lyman Campus in Shaker Heights

**Tuition:** \$250/session (\$230 for GLSC members)

(Fourth of July week is \$200 or \$184 for GLSC members)

**Registration:** [www.GreatScience.com](http://www.GreatScience.com) or call 216.621.2400

### Amazing Architecture

**(4-5) JUNE 11 – 15**

Have you always wanted to build the impossible? Explore various styles of architecture and the basics of structural design. Study GLSC blueprints and enjoy a behind-the-scenes tour of the inner-workings of the Science Center. Meet an architect and design your own architectural plan!

### Busted! Myth Meets Science

**(2-3) JULY 16 – 20**

**(4-5) JULY 30 – AUGUST 3**

You've heard, "Don't try this at home"—so let's try it at camp instead! Challenge popular myths in this action-packed camp as you get messy with the scientific method. Be fearless, design experiments, ask questions and disprove (or prove) misconceptions and myths about science!

### Chemical Concoctions

**(K-1) JUNE 18 – 22**

Experiment with acids and bases, make slime and mix solutions that glow in the dark! Learn basic principles of chemistry as you mix, pour and stir concoctions that change before your eyes. Investigate how you use chemistry in your everyday life while getting a little messy!

### Claws, Paws, & Jaws

**(2-3) JUNE 18 – 22**

**(K-1) JULY 2 – 6 (no camp July 4)**

Reptiles, amphibians and mammals, oh my! Discover the animals that share our planet as we explore how they breathe, eat, hide and behave.

### Critters of the Night

**(K-1) JULY 30 – AUGUST 3**

What goes bump, skitter and hoot in the night? Animals that come out to play when the sun goes down! From echolocation to bioluminescence, creatures of the night hunt, protect themselves and communicate in pitch black conditions.

### Dissection Discovery

**(4-5) JUNE 25 – 29**

Calling all biologists! Investigate fish, amphibians and mammal eyes as we explore their anatomy using the process of dissection. Learn how a heart beats, follow the path of a vein and look inside a stomach as we explore careers in the medical field. Due to its graphic nature, this camp may not be suitable for everyone.

### Extreme Engineering: Biomimicry

**(4-5) JULY 16 – 20**

Explore the exciting world of nature-inspired engineering. Did you know that the design for wind turbine blades, Velcro, tape, and airplanes all came from plants and animals? Learn about how nature influences our everyday products, and try your hand at designing and making projects that solve real-world problems. Learn about extreme engineering projects, build a structure to survive the forces of nature, and design a city of the future!

### Gadgets and Gizmos

**(K-1) JULY 16 – 20**

Build gadgets and gizmos that fly, spin, wobble and roll. Learn about simple and complex machines, and take a peek inside common household objects as you create your own gadget!

### GIRLS ONLY: Science that Sparkles

**(2-3) JUNE 18 – 22**

**(4-5) JULY 9 – 13**

Explore the physics of light and color in this girls-only session as you reflect, catch and manipulate light waves and explore how your eyes and brain work together to perceive light. Investigate the inner working of the eye and create your own lip balm, nail polish and bath fizzies through the practical application of chemistry. Explore scientific careers and be inspired by real women working in science!

### Gross Out

**(K-1) JUNE 25 – 29**

**(4-5) JULY 23 – 27**

**(2-3) AUGUST 6 – 10**

Can you handle belches, boogers, and blisters? Worms and insects? Discover the biology and chemistry behind these and other disgusting stuff.

### Junior Engineer

**(K-1) JULY 9 – 13**

What do engineers do? Investigate the structure of bridges and buildings, illuminate a light bulb, design an airplane, create your own city and more!

### LEGO: Ultimate Builder

**(2-3) JUNE 11 – 15, JULY 2 – 6 & JULY 23 – 27 (three sessions)**

Join us for a full week of LEGO! Based on the LEGO Master Builder Academy, campers practice speed building and creative free building and compete in a series of LEGO challenges. Learn about motion by using gears, motors, potential energy and balance in your own contraptions. See how gears translate motion and how different types of energy propel machines.

### LEGO NXT: The King's Treasure

(4-5) June 18 – 22

Be a part of an extreme archaeology team as it explores deeper into King Ixtua's treasure repository. Your mission is to assist the team by designing and programming a series of five working robots to be used in solving a challenge that allows the team to move further into the unexplored areas and, ultimately, uncover the secret of the King's Treasure.

### LEGO NXT: Space Discovery

(4-5) July 9 – 13

Follow two astronauts through rigorous ground training as they embark on a mission into deep space. Learn how to build and program eight increasingly sophisticated robots to help them survive their mission of discovery. As you prepare to depart, learn essential programming skills, including how to make robots move any way you want and how to effectively use a variety of sensors. Try your hand at Strider, the six-legged walking creature; CCC, a vertically moving vehicle; and BS-61, a machine that sorts by color and size.

### LEGO NXT: Da Vinci Inventions

(4-5) July 30 – August 3

Join us in this advanced-level camp as you revive five of Leonardo's most famous inventions—the flying machine, the aerial screw, the revolving bridge, the double-leaf spring catapult and the armored car—five centuries after the great Renaissance engineer created them. Using some of the most advanced programming techniques for *NXT*, make robots that work, move and respond the way Leonardo intended his inventions to do 500 years ago.

**\*Prerequisite** - Students must take "The King's Treasure" or "Space Discovery" before joining this camp.

### Pirate Adventure

(2-3) June 11 – 15

(K-1) July 23 – 27

Ahoy, me first science officers! X marks the spot, to uncover how yer ship stays afloat, how yer gold stays a-shiny and how ye can navigate using only yer wits and yer knowledge of astronomy. Plunder the seas of science, scallywags, if ye dare! Arrrgh!

### Science of the Strange

(2-3) July 2 – 6

(K-1) July 16 – 20

What kind of bird can kill a lion with a single kick? Are there really creatures that produce fire to defend themselves? Which creature can heal itself? Uncover some of science's greatest mysteries as we investigate real-life dragons, mutants, mummies, and the search for aliens—you'll never believe real science could be so bizarre!

### Space Explorer

(K-1) June 11 – 15 & August 6 – 10

(2-3) July 30 – August 3

Calling all junior astronauts! Build and launch a rocket, view a real moon rock, train to become an astronaut, sample soil from Mars and experience the STARLAB planetarium.

### Spy Science

(2-3) July 9 – 13

Sneak and spy your way through camp as you learn the science behind codes, invisible ink, surveillance techniques, undercover maneuvers and disguises. Learn to dust for fingerprints and analyze fingerprints, design spy gadgets and build an alarm system to protect an exhibit. Search for clues to solve a scientific mystery. Can you crack the code?

### Survival Science

(4-5) August 6 – 10

Learn the practical—and fun!—skills to survive, whether you find yourself in a cold, barren forest, or a tropical, deserted island! Find your own water, build your own fire (from a soda can and chocolate!) and learn how to make the best shelter using elements of science.

### Wizard Science

(2-3) June 25 – 29

(4-5) July 23 – 27

Create and test potions, perform levitating experiments, explore herbology and study mythical beasts. Enter the wonderful world of wizards and discover the science behind magic!



# FOR CHILDREN IN GRADES 5 - 8

## SUMMER LANGUAGES INSTITUTE

**NEW!**

**Ages:** Entering Grades 3 – 5  
**Dates:** August 6 – 10  
**Time:** 9 a.m. – 4 p.m.  
**Format:** One-week session; students may register for Chinese, French or Spanish  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$360/session (Register by April 1 and save 5%!)

The Summer Languages Institute introduces students to modern languages and gives them a foundation which they can use to enter a language class at their grade level. Chinese, French and Spanish are taught by Laurel faculty in classes centered on a particular theme, such as animals and their habitats, cuisine, athletics, and travel. Instructional time is divided between language and cultural activities conceived to instill a sense of excitement about learning a language in an engaging and age-appropriate way.

## GIRLS LEARNING THROUGH EXPERIENTIAL EDUCATION – GLEE

**Ages:** Entering Grades 4 – 6 (Girls only)  
**Dates:** June 11 – June 15 with a Family Campout overnight June 15  
**Time:** 9 a.m. – 4 p.m.  
**Format:** One-week session  
**Location:** Laurel's Butler Campus in Russell Township\*  
*\*Shuttle Service from Laurel's Lyman Campus to the Butler Campus is available for an additional charge.*  
**Tuition:** \$375 (Register by April 1 and save 5%!)

"GLEE goes camping...again!" is the theme of this year's very popular camp! Girls learn the basic elements of camping, such as pitching a tent, cooking over a campfire, navigating the trails of Laurel's Butler Campus, singing

campfire songs and much more. They experience the benefits of teamwork as they take on the low and high elements on Laurel's Project Adventure course. On the final day of camp, families are invited to join GLEE for our third annual GLEE Family Campout, led by the girls themselves. *Register early. This camp sold out quickly in 2011.*

## CHANNEL 56: GIRLS ONLY

**Ages:** Entering Grades 5 – 6 (Girls only)  
**Dates:** June 18 – July 20  
**Time:** 9 a.m. – 4 p.m.  
**Format:** Five one-week sessions designed around the themes of popular TV shows  
**Location:** Laurel's Butler Campus in Russell Township\*  
*\*Shuttle Service from Laurel's Lyman Campus to the Butler Campus is available for an additional charge.*  
**Tuition:** \$355/session (Register by April 1 and save 5%!)

Tune in to Summer at Laurel's camp just for GIRLS! Channel 56: GIRLS ONLY, designed around the themes of popular TV shows, offers five weekly sessions full of fun, adventure, new experiences, field trips, service projects and new friends. Lineup is as follows:

*Week 1: "Minute to Win It" • Challenge your speed and skills!*

*Problem solving at its best!*

*Week 2: "Survivor" • Outdoor adventure awaits! This camp includes an overnight campout on Thursday.*

*Week 3: "Cake Boss" • Baking, baking and baking – need we say more?*


*Week 4: "CSI: Cleveland" • Calling all detectives!*

*Week 5: "The 2012 Summer Games" • Going for the gold!*

*Bring your team spirit!*




## GIRLS GET FIT!

**Ages:** Entering Grades 6 – 8 (Girls only)  
**Dates:** June 4 – 15 (*One-way shuttle service to Butler; shuttle leaves Lyman at 3:30 p.m.; pick up at Butler.*)  
**Time:** 4 – 7 p.m.  
**Format:** Two one-week sessions (Girls may participate one week or both weeks)  
**Location:** Laurel's Butler Campus in Russell Township  
**Tuition:** \$175/session (Register by April 1 and save 5%!)  


Come workout with GIRLS ONLY! Dan Dvorak, Laurel School's certified Strength and Conditioning Specialist, addresses balance and core, footwork and agility, and strength and speed. Learn about healthy snacks and proper nutrition. Each participant receives an evaluation on flexibility, lower and upper body strength, running form, speed, quickness, agility and balance. Girls finish the program with an age-appropriate personal workout plan for the summer! This program takes place in Laurel's beautiful Butler Fitness Center.

## LEAD! (LEADERSHIP EDUCATION AND DEVELOPMENT)


**Ages:** Entering Grades 5 – 6 and 7 – 8  
**Dates:** July 23 – 27  
**Time:** 9 a.m. – 4 p.m.  
**Format:** One-week session; two different groups  
**Location:** Laurel's Butler Campus in Russell Township\*  
*\*Shuttle Service from Laurel's Lyman Campus to the Butler Campus is available for an additional charge.*  
**Tuition:** \$355/session (Register by April 1 and save 5%!)  


Change your child's life in a week! This is not a sports camp or an academic camp. This one-week intensive leadership skills camp led by Effective Leadership Academy (ELA) is an opportunity to give your child the competitive edge and valuable life skills. ELA engages students in fun and interactive team scenarios appropriate for their grade level to help them with problem-solving, goal-setting and leadership skills. Comments from last year's camp experience:

*"Phenomenal week! Could not have imagined what a productive, positive week you provided my son!"*


*"Impressive! Can't believe how much my daughter learned in one week."*

## SHAKESPEARE ROCKS!

**Ages:** Entering Grades 5 – 9  
**Dates:** July 30 – August 10  
**Time:** 9 a.m. – 4 p.m.  
**Format:** One two-week session; culminating in performance  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$720 (Register by April 1 and save 5%!)  


Regardless of one's level of exposure to the genius of Shakespeare, campers rave about Laurel's dramatic summer program, *Shakespeare Rocks!* During this two-week camp, student actors investigate the artistry and process of theater under the guidance of a classically-trained actor. After analyzing and interpreting text, campers learn to stage scenes and create characters using only their bodies, voices and imaginations. They use technologies old and new to design costumes, sets and staging for the selected plays. Parents and friends are invited to a performance at the conclusion of the camp.

## FORENSICS (SPEECH & DEBATE) CAMP

**Ages:** Entering Grades 8 – 12  
**Dates:** July 30 – August 3  
**Time:** Speech: 9 a.m. – Noon; Debate: 1 p.m. – 4 p.m.  
**Format:** One-week morning and afternoon sessions; campers may register for Speech in the morning and/or Debate in the afternoon.  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$244/session (Register by April 1 and save 5%!)  


Designed for students new to speech and debate as well as those with a season or two of experience, this Forensics Camp allows competitors to develop their talents and skills in either speech or debate in preparation for the 2012-2013 interscholastic season. Teaching staff includes coaches of Laurel's award-winning Forensics Team, as well as former state champions, national qualifiers and state qualifiers in both speech and debate.

## WEEKLY SCIENCE CAMPS BY GREAT LAKES SCIENCE CENTER

**Ages:** Entering Kindergarten – Grade 8  
**Dates:** June 11 – August 10  
**Time:** 9 a.m. – 4 p.m.  
**Format:** Nine one-week sessions; different content each week  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$250/session (\$230 for GLSC members)  
(Fourth of July week is \$200 or \$184 for GLSC members)  
**Registration:** [www.GreatScience.com](http://www.GreatScience.com) or call 216.621.2400

### Amazing Architecture

#### (4-5) JUNE 11 – 15

Have you always wanted to build the impossible? Explore various styles of architecture and the basics of structural design. Study GLSC blueprints and enjoy a behind-the-scenes tour of the inner-workings of the science center. Meet an architect and design your own architectural plan!

### Busted! Myth Meets Science

#### (4-5) JULY 30 – AUGUST 3

You've heard, "Don't try this at home"—so let's try it at camp instead! Challenge popular myths in this action-packed camp as you get messy with the scientific method. Be fearless, design experiments, ask questions and disprove (or prove) misconceptions and myths about science!

### Dissection Discovery

#### (6-8) JULY 2 – 6 (no camp July 4)

#### (4-5) JULY 30 – AUGUST 3

Calling all biologists! Investigate fish, amphibians and mammal eyes as we explore their anatomy using the process of dissection. Learn how a heart beats, follow the path of a vein and look inside a stomach as we explore careers in the medical field. Due to its graphic nature, this camp may not be suitable for everyone.

### Edible Science

#### (6-8) JUNE 11 – 15

Experiment with the kitchen chemistry that can produce some of our favorite treats. Create edible, super-huge sugar crystals, get a rise out of yeast and perform egg-citing egg-speriments. Best of all: you get to eat your creations!

### Extreme Engineering: Biomimicry

(4-5) July 16 – 20

(6-8) August 6 – 10

Explore the exciting world of nature-inspired engineering. Did you know that the design for wind turbine blades, Velcro, tape, and airplanes all came from plants and animals? Learn about how nature influences our everyday products, and try your hand at designing and making projects that solve real-world problems. Learn about extreme engineering projects, build a structure to survive the forces of nature and design a city of the future!

### GIRLS ONLY: Science that Sparkles

(6-8) June 25 – 29

(4-5) July 9 – 13

Explore the physics of light and color in this girls-only session as you reflect, catch and manipulate light waves and explore how your eyes and brain work together to perceive light. Investigate the inner working of the eye, and create your own lip balm, nail polish and bath fizzies through the practical application of chemistry. Explore scientific careers and be inspired by real women working in science!

### Gross Out

(4-5) July 23 – 27

Can you handle belches, boogers and blisters? Worms and insects? Discover the biology and chemistry behind these and other disgusting stuff.

### LEGO NXT: The King's Treasure

(4-5) June 18 – 22

(6-8) July 16 – 20

Be a part of an extreme archaeology team as it explores deeper into King Ixtua's treasure repository. Your mission is to assist the team by designing and programming a series of five working robots to be used in solving a challenge that allows the team to move further into the unexplored areas and, ultimately, uncover the secret of the King's Treasure.

### LEGO NXT: Space Discovery

(6-8) June 25 – 29

(4-5) July 9 – 13

Follow two astronauts through rigorous ground training as they embark on a mission into deep space. Learn how to build and program eight increasingly sophisticated robots to help them survive their mission of discovery. As you prepare to depart, learn essential programming skills, including how to make robots move any way you want and how to effectively use a variety of sensors. Try your hand at Strider, the six-legged walking creature; CCC, a vertically moving vehicle; and BS-61, a machine that sorts by color and size.

### ADVANCED LEGO NXT: Da Vinci Inventions

(4-5) July 30 – August 3

(6-8) August 6 – 10

Join us in this advanced-level camp as you revive five of Leonardo's most famous inventions—the flying machine, the aerial screw, the revolving bridge, the double-leaf spring catapult and the armored car—five centuries after the great Renaissance engineer created them. Using some of the most advanced programming techniques for NXT, make robots that work, move, and respond the way Leonardo intended his inventions to do 500 years ago.

**\*Prerequisite** - Students must take "The King's Treasure" or "Space Discovery" before joining this camp.

### Science of the Strange

(4-5) July 2 – 6 (no camp July 4)

What kind of bird can kill a lion with a single kick? Are there really creatures that produce fire to defend themselves? Which creature can heal itself? Uncover some of science's greatest mysteries as we investigate real-life dragons, mutants, mummies, and the search for aliens—you'll never believe real science could be so bizarre!

### So You Want to be a Scientist

(6-8) July 30 – August 3

Do you love math and science? Are you thinking about a career that uses advanced technology? Join us for a week of career exploration as you take field trips to meet and learn from scientists in the fields of medicine, engineering, technology and more!

### Survival Science

(6-8) June 18 – 22

(4-5) August 8 – 10

Learn the practical—and fun!—skills to survive, whether you find yourself in a cold, barren forest, or a tropical, deserted island! Find your own water, build your own fire (from a soda can and chocolate!) and learn how to make the best shelter using elements of science.

### Wicked Weather

(6-8) July 23 – 27

Where there is bad weather, there are scientists predicting, forecasting and studying! Uncover the science behind catastrophic weather events such as hurricanes, blizzards, earthquakes and tornadoes. Explore some of nature's most violent and terrific phenomena as you learn to make your own predictions.

### Wizard Science

(4-5) July 23 – 27

Create and test potions, perform levitating experiments, explore herbology and study mythical beasts. Enter the wonderful world of wizards and discover the science behind magic!



# FOR STUDENTS IN GRADES 9- 12

## SHAKESPEARE ROCKS!

**Ages:** Entering Grades 5 – 9  
**Dates:** July 30 – August 10  
**Time:** 9 a.m. – 4 p.m.  
**Format:** One two-week session; culminating in performance  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$720 (Register by April 1 and save 5%!)

Regardless of one's level of exposure to the genius of Shakespeare, campers rave about Laurel's dramatic summer program, *Shakespeare Rocks!* During this two-week camp, student actors investigate the artistry and process of theater under the guidance of a classically-trained actor. After analyzing and interpreting text, campers learn to stage scenes and create characters using only their bodies, voices and imaginations. They use technologies old and new to design costumes, sets and staging for the selected play. Parents and friends are invited to a performance at the conclusion of the camp.

## FORENSICS (SPEECH & DEBATE) CAMP

**Ages:** Entering Grades 8 – 12  
**Dates:** July 30 – August 3  
**Time:** Speech: 9 a.m. – Noon; Debate: 1 p.m. – 4 p.m.  
**Format:** One-week morning and afternoon sessions; campers may register for Speech in the morning and/or Debate in the afternoon.  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$244/session (Register by April 1 and save 5%!)

Designed for students new to speech and debate as well as those with a season or two of experience, this Forensics Camp allows competitors to develop their talents and skills in either speech or debate in preparation for the 2012-2013 interscholastic season. Teaching staff includes coaches of Laurel's award-winning Forensics Team, as well as former state champions, national qualifiers and state qualifiers in both speech and debate.

# Laurel Summer Institute!

## Register online at [www.LaurelSchool.org/Summer](http://www.LaurelSchool.org/Summer).

The co-ed Laurel Summer Institute offers for-credit courses to students entering Grades 9–12. Students select from the following offerings held at Laurel's Lyman Campus in Shaker Heights.

## THE LAUREL SUMMER THEATRE INTENSIVE (LSTI): THE ACTOR, THE DANCER, THE FILM MUSICAL!

**Ages:** Entering Grades 6 – 10  
**Dates:** June 11 – 22  
**Time:** 9 a.m. – 4 p.m.; possibility of longer days in the second week (tech week)  
**Format:** One two-week session; possibility of longer days in the second week (tech week)  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$720 (Register by April 1 and save 5%!)

LIGHTS, CAMERAS, LSTI! This summer LSTI actors take on the cinematic classics and the contemporary showstoppers of some of Hollywood's most beloved production numbers. From Academy™ award-winning original songs to favorites from the world of animation, students act, sing and dance their way to a culminating musical showcase. Students experience technique-based training in voice, movement, acting, and dance with professionally trained artists. Come and join us for an amazing 10-day movie musical extravaganza.

*(Fulfills 1 semester of Laurel School Arts requirement: .50 credit)*

## SPEECH

**Ages:** Entering Grades 9 – 12  
**Dates:** July 2 – 13  
**Time:** 1:00 p.m. – 3:30 p.m.  
**Format:** One two-week session; no class July 4  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$495 (Register by April 1 and save 5%!)

This course develops effective oral communication capabilities and enhances students' abilities in analysis and critical thinking. Students present speeches in a variety of styles including oral interpretation of literature, expository, impromptu and argument. Emphasis is on the development of strong personal presentation skills rather than speech writing.

Students successfully completing the speech course will:

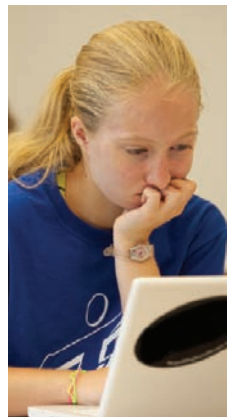
- Present information to large or small groups in a well-organized, interesting manner with poise and confidence.
- Speak clearly and effectively, with precise diction, engaging vocal variety, and appropriate gestures and physical bearing that enhance the spoken presentation.
- Listen effectively, accurately inferring a speaker's meaning from words, voice and actions.
- Analyze oral communication, distinguishing claim from argument and evaluating validity through the use of appropriate support.

*(Fulfills Laurel School Speech requirement: .50 credit)*

## LAUREL SUMMER INSTITUTE PRESENTS SAT PREP CLASS

**Ages:** Entering Grades 9 – 12  
**Dates:** July 16 – 27  
**Time:** 1 p.m. – 4 p.m.  
**Format:** One two-week session, Monday, Wednesday, Friday afternoons  
**Location:** Laurel's Lyman Campus in Shaker Heights  
**Tuition:** \$475 (Register by April 1 and save 5%!)

Laurel Summer Institute and Townsend Learning Center are partnering to offer this SAT Prep Class for Upper School students. Townsend Learning Center's state-of-the-art courses help students raise their scores and overcome test anxiety. Students practice proven test-taking techniques on real SATs. Townsend has helped more than 5,000 students increase their scores significantly, helping them in their college selection process. Don't miss this opportunity to be ready for the first SAT test of the 2012–2013 school year!



# PROGRAMMING-AT-A-GLANCE

## Summer at Laurel

JUNE 4 - AUGUST 10, 2012

JUNE				JULY				AUGUST	
4 - 8	11 - 15	18 - 22	25 - 29	2 - 6*	9 - 13	16 - 20	23 - 27	30 - AUG 3	6 - 10
		Gator Train	Gator Train	Gator Train	Gator Train	Gator Train	Gator Train		
		Little Racquets (M)	Little Racquets (M)	Little Racquets (M)	Little Racquets (M)	Little Racquets (M)	Little Racquets (M)		
		KidzArt (W)	KidzArt (W)	KidzArt (W)	KidzArt (W)	KidzArt (W)	KidzArt (W)		
		Preschool Gymnastics (T/TH)	Preschool Gymnastics (T/TH)	Preschool Gymnastics (T/TH)	Preschool Gymnastics (T/TH)	Preschool Gymnastics (T/TH)	Preschool Gymnastics (T/TH)		
	GLSC	GLSC	GLSC	GLSC	GLSC	GLSC	GLSC	GLSC	GLSC
	GLEE			Reading Explorers	Reading Explorers	Reading Explorers	Reading Explorers		Language Institute
				Just Write	Just Write	Just Write	Just Write		
		Magic Tree House	Magic Tree House	Magic Tree House	Magic Tree House	Magic Tree House	Magic Tree House	Magic Tree House	Magic Tree House
		Daring Camp	Daring Camp	Daring Camp	Daring Camp	Daring Camp	Daring Camp	Daring Camp	Daring Camp
	LSI: LSTI	LSI: LSTI						Shakespeare Rocks	Shakespeare Rocks
								Forensics Speech (A.M.)	
								Forensics Debate (P.M.)	
GIRLS Get Fit!	GIRLS Get Fit!	Channel 56: GIRLS ONLY	Channel 56: GIRLS ONLY	Channel 56: GIRLS ONLY	Channel 56: GIRLS ONLY	Channel 56: GIRLS ONLY	LEAD!		
				LSI: Speech	LSI: Speech	LSI: SAT Prep	LSI: SAT Prep		

\* Four-Day Week

 = Grades PreK & Kindergarten

 = Grades 1 - 4

 = Grades 5 - 8

 = Grades 9 - 12