

WELCOME TO COLLEGE FOR KIDS 2016

Registration begins at 10:00 a.m.
Monday, May 2, 2016
Register at behrend.psu.edu/kids



PennState
Behrend

REGISTRATION AND PAYMENT

Registration and payment are required at least one week prior to each class. Register early—classes have limited enrollment and fill quickly! Participants must be registered online with our user-friendly registration system. Have participant medical insurance information and credit card payment method available when registering online.

CANCELLATION POLICY

Cancellations must be received in writing or email fourteen days in advance of the class and will be assessed a \$10 cancellation fee. Cancellations made after that time and prior to the class start date will be assessed a \$25 fee. There is no refund for cancellations made after a class has begun.

DROP-OFF AND PICK-UP

Penn State Behrend provides a secure drop-off and pick-up area for your child's safety. Drop-off and pick-up are located in the Reed Union Building Wintergarden. Short-term parking is available in the Reed Union Building parking lot. Parents remaining on campus should see Police Services for a parking permit.

LUNCH AND SNACK BREAKS

Children will be provided with one break during class, and are encouraged to bring a snack and drink with them. An opportunity may be provided to purchase snack items. If your child is attending camp all day, the program will supervise the lunch hour at no additional charge.

Lunch is not provided by the program. All-day participants can bring a lunch or purchase lunch at Bruno's Café. A weekly menu for Bruno's can be viewed at behrend.psu.edu/kids.

DAILY SCHEDULE (UNLESS OTHERWISE NOTED)

Early Care (\$20/week)	7:30-8:45 a.m.
Optional supervised child care prior to morning sessions.	
Morning Session	9:00 a.m.-Noon
Students must arrive by 8:45 a.m.	
Lunch Break	Noon-1:00 p.m.
For students attending all day.	
Afternoon Session	1:00-4:00 p.m.
Students must arrive by 12:45 p.m.	
All-Day Sessions	9:00 a.m.-4:00 p.m.
See class descriptions.	
Late Care (\$20/week)	4:00-5:30 p.m.
Optional supervised child care following afternoon sessions.	



Penn State BEHREND HIGH SCHOOL ACADEMY

Penn State Behrend's High School Academy offers hands-on career exploration opportunities for students ages 14-18.

High School Academy is designed to help students answer:

- What do I want to be when I grow up?
- What should I choose as my college major?
- How does this major translate into a real job?

For more information or to register, visit behrend.psu.edu/academy or call 814-898-6871.

Week 1:
JUNE 13-17

Go to behrend.psu.edu/kids
for **full class descriptions** and
to register



Class Name	Age Group	Class Description	Price
Mornings			
Under the Sea NEW	6-8 years	Investigate ocean life in a variety of hands-on learning opportunities and art projects.	\$85
Cooking Kids	6-8 years	Learn how to follow a recipe and kitchen safety while making some simple recipes.	\$85
Engineering Possibilities with K'NEX® NEW	8-10 years	Discover how the field of engineering is more than building bridges and structures by using the K'NEX® building system.	\$85
Martial Arts Survival Scout NEW	8-12 years	This outdoor adventure class covers basic survival, fitness, and martial arts skills. Participants should wear long pants and sturdy shoes.	\$85
Solar System Hoops NEW	8-12 years	Learn hoop dance techniques, make your own hoop, and begin to understand the elements of dance and composition while developing your knowledge of our solar system.	\$85
Star Wars and the Roman Empire	10 years & up	Film critics and history buffs alike will discover the history behind Star Wars. Rebel Alliance or Galactic Empire attire is optional!	\$85
Cheerleading NEW	10 years & up	Learn cheer techniques, voices, facials, motions, jumps, stunts, cheers, and perform a dance.	\$85
All day (9:00 a.m. to 4:00 p.m.)			
Minecraft Stop Motion Video Animation NEW	10 years & up	Create your own polymer clay Minecraft figures and background props and then watch them come to life using computers, animation software, cameras, and lights.	\$170
Afternoons			
Outdoor Sports and Games NEW	6-8 years	Participants will be introduced to the fundamental skills of several sports.	\$85
Face & Body Painting 101	6-8 years	Learn and practice beginning skills in the art of face and body painting.	\$85
Creative Coding and Programming: An Introduction to Video Game Design NEW	8-10 years	Learn basic coding and programming skills to create your own games and animations.	\$90
Surviving the Outback	8-12 years	This outdoor, hands-on class takes place in the Penn State Behrend Outback. Participants will learn wilderness survival skills and more.	\$85
Girls Just Wanna Have Fun	8-12 years	Enjoy making and using your own spa products during this week of girly fun.	\$85
Yoga, Zumba, and Healthy You NEW	10 years & up	Learn about energy balance, healthy eating, and body image while participating in daily yoga and Zumba. Yoga mats are provided.	\$85
Intro to DC Circuits	10 years & up	Learn the basic fundamentals of DC circuits and design and test simple circuits on breadboards, which participants will keep.	\$105
Engineering Bridges	10 years & up	Work with Behrend faculty members to engineer and build various types of bridges.	\$105

Week 2:
JUNE 20-24

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Class Name	Age Group	Class Description	Price
Mornings			
Bippity, Boppity, Boo	6-8 years	Calling all princesses! Live your very own fairytale during a week filled with stories, crafts, and enchanted tea parties.	\$85
Shark Week NEW	6-8 years	Discover the power and majesty of the oceans' "Monsters of the Deep" during Shark Week!	\$85
Introduction to Robotics	8-10 years	Experiment with and program the LEGO® MINDSTORMS® system, VEX® Robotics Kits, TriBot, Robosapien, I-Cybie, First-Bot, Junk-Bots, and more.	\$85
Website Design NEW	8-10 years	Create your own website using various Web 2.0 tools and design concepts.	\$85
Kids with Cake	8-12 years	Design, construct, and decorate your own cake masterpiece.	\$85
Beginner Model Rocketry	10-12 years	Experience the thrill of designing, building, and launching your own reusable model rockets.	\$90
The Art of Beach Glass Jewelry & Crafts NEW	10 years & up	Learn how to drill beach glass and wire wrapping techniques to create jewelry and other crafts from materials found during your journey to the shores of Lake Erie.	\$90
Operation Rescue: A STEM Adventure NEW	10 years & up	Utilize STEM tools like Google Earth to develop and implement a rescue plan after a simulated catastrophic event.	\$85
When the Whole World Was at War	10 years & up	Examine a profound period of our history while building your own plane, holding a mock trial, and more.	\$85
Afternoons			
3D Computer Animation NEW	6-8 years	Learn the basics of 3D computer animation while creating your own character.	\$85
Acting for the Stage 1	6-8 years	Techniques, games, skits, and group activities developed for the stage.	\$85
Beginner Model Rocketry	8-10 years	Experience the thrill of designing, building, and launching your own reusable model rockets.	\$90
Lights, Camera, iMovie NEW	8-12 years	Learn methods of photography, videography, and storyboarding while making movies on your iPad using iMovie. Participants must bring their own iPad to class.	\$85
Cookie Monsters	8-12 years	Make and decorate cookies that will make your mouth water.	\$85
Storm Chasing 101	10 years & up	Study extreme weather with WJET meteorologist Tom Atkins and talk to a real storm chaser.	\$105
The Art of Beach Glass Jewelry & Crafts NEW	10 years & up	Learn how to drill beach glass and wire wrapping techniques to create jewelry and other crafts from materials found during your journey to the shores of Lake Erie.	\$90
Intermediate Robotics	11 years & up	Step up to the next robotics challenge using LEGO® MINDSTORMS® and VEX® Robotics kits.	\$90
Creating 3D Video Games with Alice NEW	12 years & up	Learn the key elements of game design. Build 3D worlds while creating your own video game.	\$105

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Week 3:
JUNE 27-JULY 1

Go to behrend.psu.edu/kids
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Class Name	Age Group	Class Description	Price
Mornings			
Olympic Mania NEW	6-8 years	Explore the 2016 Summer Olympics as you participate in several sporting events.	\$85
Awesome Authors	6-8 years	Students will experience bringing their original stories to "publication."	\$85
Creative Coding and Programming: An Introduction to Video Game Design NEW	8-10 years	Learn basic coding and programming skills to create your own games and animations.	\$90
Science Projects/Crafts for Kids	8-10 years	Discover the scientist and inventor in you with hands-on science projects, activities, and crafts.	\$85
Papier-mâché Crafts NEW	8-12 years	Create, paint, and decorate your own papier-mâché piggy bank, maracas, and piñata!	\$85
Roller Coaster Physics	10 years & up	Design and construct a large rollercoaster using K'NEX®. This class includes a visit to Waldameer for a behind-the-scenes look at the rides.	\$90
Don't Just Do It, Dance It! NEW	10 years & up	Participate in warm-ups, across-the-floor techniques, combinations, leaps, turns, kicks and perform a Broadway-inspired routine.	\$85
3D Computer Animation	10 years & up	Learn the basics of 3D computer animation while creating your own character.	\$85
Afternoons			
Slimy Science NEW	6-8 years	Explore scientific principles by making slime and using gummy worms for hands-on experiments.	\$85
My Doll and Me NEW	6-8 years	Create accessories like sandals, slippers, sleeping bags, and more for your favorite American Girl-type doll.	\$85
Go 4 the Gold NEW	8-10 years	Participate in team sports, individual sports, lawn games, and brain games during Behrend's 2016 Summer Olympics.	\$85
Cool Chemistry!	8-10 years	Conduct experiments with crazy colors, candy, crystals, gases, soap, slime, and much more!	\$85
Acting for the Stage 2	8-12 years	Advance your acting skills with warm ups, character building, and group activities.	\$85
Introduction to Robotics	10-12 years	Experiment with and program the LEGO® MINDSTORMS® system, VEX® Robotics Kits, TriBot, Robosapien, I-Cybie, First-Bot, Junk-Bots, and more.	\$85
Rube Goldberg STEAM Machines NEW	10 years & up	Participants will be challenged to learn and apply the engineering design process to build chain-reaction STEAM Machines.	\$85
Batter Battles	10 years & up	Batter up! Combine fun colors, flavors, and creative designs to create one-of-a-kind delights.	\$85

Week 4: JULY 11-15

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Class Name	Age Group	Class Description	Price
Mornings			
Creative Coding and Programming: An Introduction to Video Game Design NEW	6-8 years	Learn basic coding and programming skills to create your own games and animations.	\$90
Watercolor Blast	6-8 years	Create watercolor works of art using professional quality paper, paints, and brushes.	\$85
Shark Week NEW	8-10 years	Discover the power and majesty of the oceans' "Monsters of the Deep" during Shark Week!	\$85
Engineering MythBusters	8-12 years	Engineering exploration modeled around the Discovery Channel's hit "MythBusters."	\$85
Scrap, Stamp, and More	8-12 years	Scrapbooking, stamping, and other keepsake crafts.	\$85
Creating 3D Video Games with Alice NEW	10-12 years	Learn the key elements of game design. Build 3D worlds while creating your own video game.	\$90
It's My Business: Be an Entrepreneur with Junior Achievement	10 years & up	Want to own your own business? Learn the key strategies needed for successful entrepreneurship.	\$85
All day (9:00 a.m. to 4:00 p.m.)			
Sea Perch-Underwater Robotics NEW	12 years & up	An all-day marine engineering camp where participants build an underwater remotely operated vehicle that they will take home after testing it in the Junker Center pool.	\$250
The Great Cake Bake	12 years & up	Go baking crazy! Learn advanced design and decorating techniques, bake an edible display, and visit a local bakery.	\$170
Afternoon			
Ooey Goopy Book and Science Club NEW	6-8 years	Learn scientific concepts and conduct experiments inspired by cherished children's books.	\$85
Dinosaur Digs	6-8 years	Participate in a dinosaur dig and make your own fossil while learning about meat-and-plant-eating dinosaurs.	\$85
Edible Science NEW	8-10 years	Join in the fun and experience a variety of science experiments and activities using food and other household items.	\$85
Cryptozoology	8-12 years	Explore the world of cryptids and learn about Sasquatch, Thunderbirds, lake creatures, and more.	\$85
Step it Up! Sculpture with a Purpose!	8-12 years	Create unique sculpture using wire, paper, polymer clay, and more.	\$85
Creating 3D Video Games with Alice NEW	10-12 years	Learn the key elements of game design. Build 3D worlds while creating your own video game.	\$90
CSI-Crime Scene Investigations!	10 years & up	Learn how science solves crime by using experimental techniques in a laboratory setting.	\$85

Week 5:
JULY 18-22

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Class Name	Age Group	Class Description	Price
Mornings			
Journey to the Art of Drawing	6-8 years	Experience the wonders of drawing while you learn new techniques to become a better artist.	\$85
Building with Toy Construction Bricks	6-8 years	Express your own creativity using LEGO® bricks to design and construct buildings and structures.	\$85
Lost at Sea: STEM Challenge NEW	8-10 years	Help a shipwrecked traveler on a deserted island by working through STEM challenges. Use pulleys and levers to construct needed shelter. Build a bridge, catapult, raft, and more.	\$85
An Artist a Day NEW	8-10 years	Create your own masterpieces while exploring the styles of Matisse, Lichtenstein, Chavez, Van Gogh, and, Warhol.	\$85
Felicity's Tea Party	8-12 years	Explore colonial times with Felicity. Learn to write with a quill pen, hand stitch, make butter, and more.	\$85
Introduction to Astronomy	10-12 years	Join Jim Gavio, director of the Yahn Planetarium at Penn State Behrend, for a journey into space with shows, telescopes, and hands-on observatory activities.	\$85
Aspiring Educators NEW	10 years & up	Explore the world of teaching through lesson planning, teaching a mini-lesson, and much more!	\$90
Intro to RC Quadcopters & Aerial Photography	10 years & up	Learn how to operate and take pictures with a quadcopter and simulator. A Dromida KODU Quadcopter with camera is included with this class.	\$175
3D Video Game Design with Kodu	12 years & up	Learn the key elements of game design. Build 3D worlds while creating your own video game.	\$105
Afternoons			
Cake Wars NEW	6-8 years	Design & decorate your own cake masterpiece while learning about measuring and baking techniques.	\$85
Backyard Camp Out	6-8 years	Have fun hiking, making a tent, gathering firewood, creating camp crafts, and participating in a "night experience" at the Yahn planetarium.	\$85
Drawing Adventures	8-10 years	Improve your artwork using new techniques. Advance to the next level and learn to make your artwork look real.	\$85
Building with Toy Construction Bricks	8-10 years	Express your own creativity using LEGO® bricks to design and construct buildings and structures.	\$85
Guitar Essentials	8-12 years	Beginner and novice guitar players will learn guitar basics. Participants must bring a six-string guitar or an electric guitar and small amp.	\$85
Website Design NEW	10 years & up	Create your own website using various Web 2.0 tools and design concepts.	\$85
Big Business NEW	10 years & up	Learn how to establish a business plan and create a product or service as an entrepreneur.	\$90
Frog Guts: Adventures in Biology	12 years & up	Frog anatomy and dissection offer fascinating lessons in biology!	\$105
Computer Generated Music Programming	12 years & up	Explore the elements of music composition and computer programming while making music on your computer using Scratch programming.	\$85

Week 6:
JULY 25-29

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Class Name	Age Group	Class Description	Price
Mornings			
Harry Potter Extravaganza	6-8 years	Experience the world of Harry Potter as you take the train to Hogwarts School. Grow plants and make your own wands, glup, and other slimy potions.	\$85
Origami NEW	6-8 years	Create 3D origami art pieces such as boxes, animals, and mobiles.	\$85
S.T.E.A.M. p.u.n.k. NEW	8-10 years	Explore science, technology, engineering, art, and math with hands-on projects from each field. Science, Technology, Engineering, Art, and Math Produces Undaunted Noble Kids.	\$85
Beginner Model Rocketry	8-10 years	Experience the thrill of designing, building, and launching your own reusable model rockets.	\$90
Pocket Murals	10 years & up	Learn professional mural painting techniques for painting on most surfaces and create your own mural to take home.	\$85
Improv	10 years & up	Participate in games and exercises similar to "Whose Line Is It Anyway?"	\$85
Become a Champion Engineer	10 years & up	Use engineering principles to build towers, catapults, hover crafts, and slingshots for individual and team competitions.	\$85
Intro to Java Programming	12 years & up	Learn to create in Java, a programming language used in web pages, cell phones, apps, and more.	\$85
All day (9:00 a.m. to 4:00 p.m.)			
Stop Motion Video Animation	10 years & up	Create video animations that appear to come to life using polymer clay, self-created backdrops, LEGO® mini figures, cameras, lights, and computers.	\$170
Afternoons			
Slimy Science NEW	6-8 years	Explore scientific principles by making slime and using gummy worms for hands-on experiments.	\$85
Backyard Camp Out	6-8 years	Have fun hiking, making a tent, gathering firewood, creating camp crafts and participating in a "night experience" at the Yahn planetarium.	\$85
Authors Club	8-10 years	Write and illustrate your very own hardcover book.	\$85
Minecraft NEW	8-10 years	Learn the basics of Minecraft and create your own world to take home. Participants must have a PC Minecraft account (not a portable device account) established prior to class.	\$85
Computer Generated Music Programming	10-12 years	Explore the elements of music composition and computer programming while making music on your computer using Scratch programming.	\$85
Beginner Model Rocketry	10-12 years	Experience the thrill of designing, building, and launching your own reusable model rockets.	\$90
Advanced Drawing	10 years & up	Improve your drawing skills to create more realistic artwork.	\$85
CSI-Crime Scene Investigations!	10 years & up	Learn how science solves crime by using experimental techniques in a laboratory setting.	\$85



Looking for more great summer activities? Check out our expert instruction from varsity coaches.

Penn State Behrend Sports Camps

Call 814-898-6240 for registration information and a brochure or visit psblions.com.



Need Summer Reading Ideas?

Stop in the Penn State Behrend Bookstore and check out the

"Want to Know More?" section, where you will find books tied to CFK classes that offer project ideas and interesting reading. The bookstore is to the left as you enter the Reed Union Building.

College for Kids 2016
Youth Education Outreach
Burke Center
5101 Jordan Road
Erie, PA 16563-1701



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COLLEGE FOR KIDS

June 13–July 29, 2016

- Hands-on classes offer exciting activities
- Six one-week sessions
- For ages 6 to 14
- No classes July 4–8



Register online at behrend.psu.edu/kids beginning Monday, May 2, at 10:00 a.m.

MasterCard, Visa, Discover, and American Express accepted.

23rd
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