



**PURDUE
UNIVERSITY®**

Gifted Education Research
and Resource Institute (GER²I)



SUPER SUMMER

Enrichment program for gifted and talented youth



**Kindergarten - 4th Grade
SUMMER 2023**



**PURDUE
UNIVERSITY**

College of Education

About

SUPER SUMMER



Purdue University's Gifted Education Research & Resource Institute (GER2I) Super Summer is a program where bright kids in kindergarten (K) through fourth grade come to enjoy challenging courses with other academically, creatively, and artistically talented youth. Day-long, interdisciplinary courses are geared at least two grade levels above each student's current school grade.

Students will attend a day-long program of challenging, hands-on activities related to a central theme. Components from multiple disciplines will be included at every level, so each child will gain experience in topics such as engineering, math, science, social studies, art, and language arts, while working on open-ended activities that require critical and creative thinking.



Children with high ability think big thoughts. They seek to understand how ideas and concepts are related to each other and quickly make connections across disciplines. In Super Summer, students will explore big ideas that launch them on a journey of discovery with teachers who relate class content to their students' lives. And what's equally important, students will make friends with others who share their interests.

We look forward to seeing you this summer. Just bring a lunch, snacks, and your enthusiasm for learning with you!

WHAT MAKES SUPER SUMMER SUPER?

- **Small Classes:** Class sizes are limited to 12 students at the kindergarten grade levels, 15 students at the 1st and 2nd grade levels, and 18 students at the 3rd and 4th grade levels, to enable our instructors to work effectively with each student.

- **High-Quality Teachers:** Our caring teachers are knowledgeable and enthusiastic about working with GER²¹ students. They receive professional training and ongoing support from the GER²¹ team to meet the special needs of high-ability children and to ensure that students get personalized attention.

- **Challenge:** Classes provide authentic, hands-on learning experiences that encourage creative thinking, problem solving, and exploration of student interests in an environment that values creativity, diversity, and achievement.

- **Enjoyment:** Students like to learn interesting content in an interactive environment. The Super Summer program provides high-ability students an enjoyable setting in which they can connect with other bright students who share their enthusiasm for learning.

- **Community of Talents:** Students work with counselors to understand and appreciate their strengths and the strengths of others. Collaboration, communication, and thinking skills are emphasized using simulations and scenarios.

WHEN:

Two, one-week sessions are offered.

Session 1:

June 12-16 from 8:30 a.m. to 5 p.m.

Session 2:

June 19-23 from 8:30 a.m. to 5 p.m.

Supervision is available for children dropped off between 7:45 and 8:30 a.m. All children should be picked up by 5:30 p.m.

SCHEDULE:

A detailed program schedule will be included in the information packet provided after registration.

WHERE:

Super Summer day camp will be held on the West Lafayette campus of Purdue University. Detailed classroom assignments will be included in the information packet provided after registration.

INQUIRIES:

For any inquiries, please contact our Super Summer Coordinator Ty'Bresha Glass at glass29@purdue.edu or Assistant Coordinator Alia Pineda Medina at apinedam@purdue.edu

COURSES

Week 1
June 12-16

KINDERGARTEN STEAM ACADEMY™ by TinkrWorks

Through exploratory, hands-on activities, students investigate the science of light and sound, discover how electricity and circuits work, and learn how echolocation can be mimicked with technology. Using circuit boards, microcontrollers, programmable LEDs, and speakers, students use coding to bring their original, artistic masterpieces to life with lights and sounds. This project supports social and emotional learning through activities that allow students to relate how sound and color affect how they feel.

GRADES 1 - 2 ASTRONAUT ACADEMY

Did you know the word *astronaut* comes from the Greek words meaning “star sailor”? That is exactly what students will become in Astronaut Academy. In this interactive unit, students study the concept of exploration, journey to each planet in our solar system, and create their own space station, all while acquiring scientific knowledge and habits, including how to apply the scientific method and properly conduct research and experiments.

GRADES 3 - 4 DISCOVERY THROUGH VETERINARY MEDICINE

Have you ever considered that humans and animals have similar basic needs? Have you ever wondered how your pets view the world from their perspectives? Discover your inner veterinarian as we learn all about animal anatomy, physiology, and nutrition through dissection and other exciting hands-on and minds-on activities. Explore how veterinarians provide valuable services to keep animals of all shapes and sizes healthy and strong.



COURSES

Week 2

June 19-23

KINDERGARTEN

DISCOVERY THROUGH EXPERIMENTATION

Why do shadows move when we're standing still? Can the wind actually change the shape of rocks? Discover the answers to these questions and more as we gather common household items, building materials, and icky, gooey things to explore how scientific discoveries are made. You'll even create your own mind-blowing, kid-tested science experiments. The possibilities for scientific discovery are endless!

GRADES 1 - 2

SMART LAMPS™ by TinkrWorks

Expressing your emotions through technology by creating your own Smart Lamp—a color-changing light box that plays music. Let's explore how the properties of light, sound, and music composition can be combined using circuit boards, Arduino (micro-controller or mini-computer), speakers and LEDs. Using a touch-screen app and Bluetooth technology, you'll use programming to control your lamp's expressions of emotions and use coding to set up a remote that switches between moods at the touch of a button. This project supports social and emotional learning through activities that allow students to relate how sound and color affect how they feel.

DISCOVERY THROUGH HISTORY

How do the inventions and historic discoveries made by ancient civilizations affect our modern world? Explore how the contributions of ancient Egyptian, Mayan, Roman, and Chinese empires have influenced modern civilization through art, literature, and science. Students will also consider scenarios and solve complex mathematical and engineering tasks as they put themselves in the role of ruler of their own empires. Students will also use their imaginations to design and build their own working society

GRADES 3 - 4

ERASE THE WASTE AND TURN TRASH INTO CASH

Americans throw away 254 million tons of trash every year! Where does it all go?! In this unit, students investigate how to reduce, reuse, recycle, and reimagine trash in new and innovative ways. Through problem-based learning tasks, students will also learn how to manage and dispose of waste in creative and environmentally friendly ways, all while building an understanding of sustainability, recycling, environmental science, and the green economy.

THINK LIKE A DETECTIVE!

Have you heard of Sherlock Holmes, the famous private detective created by author Sir Arthur Conan Doyle? Holmes' amazing skills of observation, investigation, and logical thinking helped him solve complicated mysteries his clients hired him to investigate. In this course, you will solve cases and learn investigation skills such as blood and DNA analysis and crime-scene investigation techniques, including using math and science creatively. Are you ready to be a private detective? Let the super sleuthing begin!

HOW TO REGISTER

WHO IS ELIGIBLE

Super Summer courses are designed for motivated students with high ability in kindergarten through fourth grade. The pace and level of these courses are two to three grade levels above where students are placed in school.

ONLINE REGISTRATION

Register online at:

<http://www.purdue.edu/conferences/SuperSummer2023>

- Credit card payment is required when registering online.
- Choose a session, or sessions, at the proper grade level for which the child is eligible.
- **Child should enroll in the grade level completed this school year (2022-2023 academic year).**

You will receive a confirmation notice when your registration materials are received by Purdue Conferences.

COMING FROM OUT OF TOWN?

Our guests from out of town are invited to stay at one of our local hotels.

Contact the hotels directly for reservations.

Union Club Hotel

Purdue Memorial Union
101 N. Grant St.
West Lafayette, IN
47906
765-494-8900

Hilton Garden Inn

356 E. State Street
West Lafayette, IN 47906
765-743-2100

Holiday Inn Select- City Center

515 South Street
Downtown Lafayette, IN 47901
765-423-1000

ACCESSIBILITY

Purdue is committed to ensuring programs are accessible to individuals with disabilities. If your child requires an accommodation or special assistance due to a disability, contact Purdue Conferences at 765-496-6500 at least one week prior to the start of the program.

FEES & PAYMENT

FEES

- One week, full-day program: \$330 per child*
- Both weeks, full-day program: \$630 per child*
- Family rate, two or more children from the same family: \$315 per child, per week
- Purdue Employee Discount: 5% discount per session
(Purdue email must be used for registration to qualify)

***Children who are registered for STEAM Academy™ (Kindergarten) or Smart Lamps™ by TinkrWorks (Grades 1-2) will have an additional \$40 fee for materials added to their total registration cost so they may take their projects home with them.**

PAYMENT

When registering online, fees may be charged to Discover, VISA, American Express, or MasterCard.

An introductory packet will be mailed to you the week prior to the start of the program. If you do not receive notice at least three days prior to your child's first class, call our office 765-494-7243.

REFER A FRIEND PROGRAM

Returning campers who refer a friend that registers as a first-time attendee will be entered in a drawing to win a free Super Summer one-week session!

FINANCIAL AID

A limited number of need-based partial scholarships towards tuition are available. The deadline for applying for financial aid is April 15. To apply, please send a copy of the first page of your 2021 or 2022 tax form 1040 to Dr. Kristen Seward, Interim Co-Director of GER²I, at ksseward@purdue.edu. You will be notified about financial aid decisions by April 30.

REFUND AND WITHDRAWAL POLICY

- If registration cancellation is received by Purdue Conferences 45 or more days prior to the start of the event, the refund will be 100% of the attendee's deposit;
- If registration cancellation is received by Purdue Conferences less than 45 days but 15 or more days prior to the start of the event, the refund will be 50% of the attendee's deposit;
- If registration cancellation is received by Purdue Conferences less than 15 days prior to the start of the event, the attendee will not receive a refund of the attendee's deposit.

All deposit refunds are net of actual expenses that Purdue Conferences has already incurred. No refunds will be provided for registration cancellations or adjustments resulting in a balance of less than \$50.





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Enroll online!

<http://www.purdue.edu/conferences/SuperSummer2023>



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