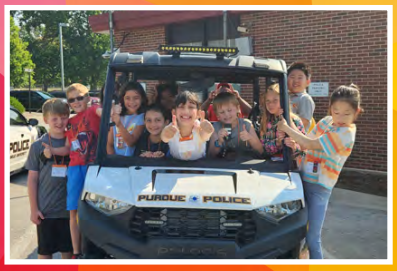
PURDUE UNIVERSITY

Gifted Education Research & Resource Institute (GER²I)

SUPER SUMMER

Enrichment program for gifted and talented youth



Kindergarten – 4th Grade

SUMMER 2024

PURDUE UNIVERSITY

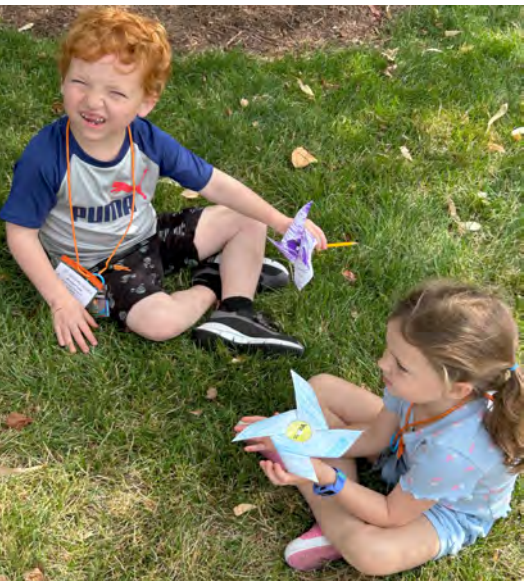
College of Education

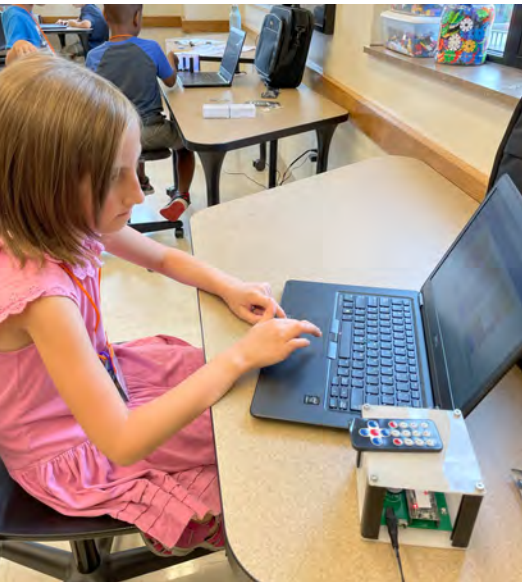
About

SUPER SUMMER

Week 1
June 10-14

Week 2
June 17-21





Purdue University's Gifted Education Research & Resource Institute (GER^{2}I) 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 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 ides 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 GER^{2}I students. They receive professional training and ongoing support from the GER^{2}I 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 10-14 from 8:30 a.m. to 5 p.m.
Session 2:
June 17-21 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 that will be sent out two weeks prior to the beginning of Super Summer by the Program Coordinator, Alia Pineda. To endsure you receive your information packet, your registration(s) need to be paid in full and your student(s) need to be registered in Boilerbase.

WHERE:

Super Summer day camp will be held on the West Lafayette campus of Purdue University. Classroom assignments will be included in the information packet.

INQUIRIES:

For any inquiries, please contact our Super Summer Coordinator Alia Pineda Medina at apinedam@purdue.edu.

Registration opens on March 15
http://www.purdue.edu/conferences/SuperSummer2024

COURSES

Week 1
June 10-14

KINDERGARTEN

How The Sun Makes Our Day

How The Sun Makes Our Day, and Earth is a space science unit that engages students in investigations and observations about the sun as a source of light an energy. Students will dive into topics like the nature of shadows, man-made sources of energy, and the need for humans to conserve natural resources.

Dino Might

Become a budding paleontologist and discover the world of dinosaurs and prehistoric life! Students will understand and explore the job of a paleontologist as they venture through different geological periods, learning about the gigantic creatures who walked the earth.

GRADES 1 - 2

Ocean Discovery

Let's dive in...the ocean, that is! Take a journey through the wonderful world of underwater life. Join us as we discover what make the ocean salty, how underwater creatures live, and some of the ocean's deepest and darkest secrets. Get ready for a whirlwind adventure through one of Earth's most fascinating entities!

Creative Mathematics

Experience challenging, hands-on activities while exploring the subjects of multiplication, division, area, perimeter, and polygons. Interact with your classmates while using each others' brain power to explore new areas in everyday mathematics. Math has never been this much fun!

Rainforest Biology

Develop critical thinking skills, research skills, and the ability to creatively problem-solve through learning about the world's rainforests. Gain insight and an appreciation for the inhabitants (animal, human, plant) of the rainforest while accumulating a knowledge base of the basic biological interactions on the macro level.

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COURSES

Week 1
June 10-14

GRADES 3 - 4

Shaking Things Up

In 2010, a powerful earthquake destroyed homes and devastated communities in Haiti. Now our fictional, world-traveling brother and sister duo, Jacob and India, are there learning how to support and protect buildings to better withstand the force of an earthquake. Jacob and India guide kids as they engage in hands-on activities developing their understanding of how to engineer earthquake-resistant, model buildings. Kids will also establish building codes to help others build earthquake-resistant structures.

Ancient Civilizations

Explore the architecture, math practices, and other sciences of ancient civilizations through hands-on projects and the use of technology. Study the ancient civilization of Egypt in comparison to the Mayans, Incas, and Aztecs. Compare these civilizations to modern day practices in science and math. Explore the world's first mathematicians and scientists!

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!

COURSES

Week 2
June 17 - 21

KINDERGARTEN

Dino Might

Become a budding paleontologist and discover the world of dinosaurs and prehistoric life! Students will understand and explore the job of a paleontologist as they venture through different geological periods, learning about the gigantic creatures who walked the earth.

Space Adventures

Join the ranks of Purdue's very own Neil Armstrong and Gus Grissom and become a junior astronaut! Learn about our solar system and space exploration through experiments while using your imagination. You will even create your own spacesuit, space vehicles, and plan your own trip to the stars.

GRADES 1 - 2

Geo-Math

Do you like shapes? Are you interested in modeling and design? Then you belong in Geo-Math. Get a jump on the world of geometry by exploring, in-depth, thousands of real world applications. Topics range from architecture to the design of simple machines. Come see how even the most basic shapes serve as the building blocks of our society.

Traveling Paint Brush

Young artists will travel throughout history exploring various art styles and materials. From cave painting to modern art, discover many materials, techniques, and styles used by famous artists. Come explore painting, drawing, sculpture, and more!

Ocean Life

Have you ever wondered why water is so important? Journey with us from lakeside to seaside, and from the shore to the ocean floor as we discover the mysteries of water and abundant underwater life forms.

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COURSES

Week 2
June 17 - 21

GRADES 3 - 4

TinkRworks™ Tech-a-Sketch

A classic drawing toy meets the 21st century! In this project, students assemble a handheld digital drawing project — complete with programmable LCD display, buttons, and knobs — to create their own unique artist palette. Students explore the science of displays, coordinate systems, plotting basic shapes, and creating brushes, while applying these learnings through a customizable, one-of-a-kind drawing experience.

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!

Sensational Science Behind How We Discover the World Around Us

Students will use their senses as a springboard to explore advanced concepts such as the science behind cooking, optical illusions, musical instruments, and more. They will learn to distinguish between physical and chemical changes, describe the movement of sound waves, classify optical illusions, and evaluate the validity of their discoveries through unique problem-based learning tasks. Featuring detailed teacher instructions, daily reflection activities, and reproducible handouts, this unit makes it easy for teachers to adjust the rigor of learning tasks based on students' interests and needs.

HOW TO REGISTER

WHO IS ELIGIBLE

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

ONLINE REGISTRATION

Register online at:
http://www.purdue.edu/conferences/SuperSummer2024

- Credit card payment is required when registering online.
- Choose a session, or session, at the proper grade level for which the child is eligible.
- **Child should enroll in the grade level completed this school year (2023-2024 academic year).**

Your student(s) placement in our program will be confirmed once you have paid your registration in full and submitted all necessary documentation to Boilerbase.

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

Holiday Inn Select- City Center
515 South Street
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: $350 per child
- Both weeks, full-day program: $650 per child
- Family rate, two or more children from the same family: $325 per child
- Purdue employees: $325 per child (Purdue email must be used for registration to qualify)
- Returning campers who attended Super Summer in 2023 are eligible for a $25 discount in 2024. This discount can only be applied to one session - one time use.

PAYMENT

When registering on-line, 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 fill out the financial aid request when you register your student and include the necessary documentation (1040 tax form or proof of free or reduced lunch program participation at current school). Contact Pamela Dexter, GER^{2}I Program Manger, at pdexter@purdue.edu with any financial aid questions.

REFUND AND WITHDRAWL 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 attendees 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.

Registration opens on March 15

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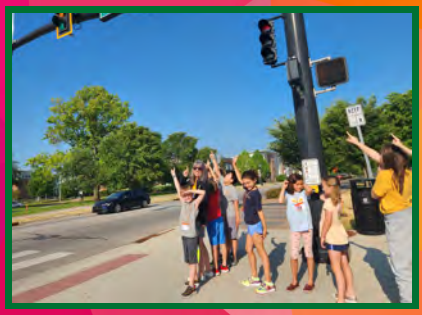

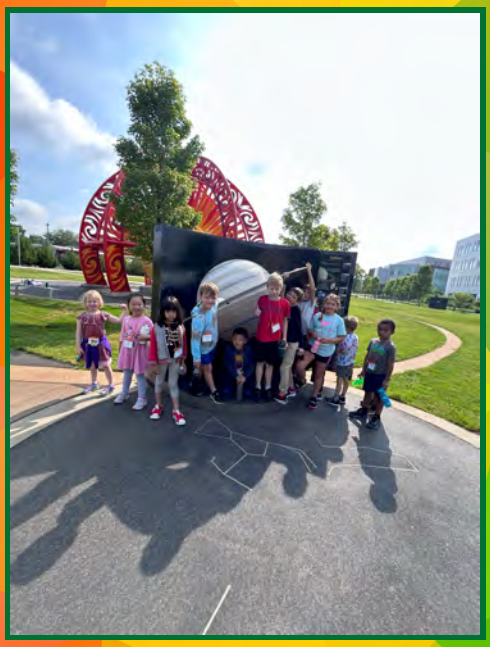


POLICE
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Gifted Education Research & Resource Institute (GER^{2}I)

Purdue University
Beering Hall, Room 3159
100 North University Street
West Lafayette, IN 47907-2098
765-494-7243
geri@purdue.edu
www.purdue.edu/geri

Enroll Online!

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Purdue Gifted Education Research & Resource Institute


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Super Summer 2024