



**PURDUE
UNIVERSITY**

Gifted Education Research
and Resource Institute (GER²I)



SUPER SUMMER

Enrichment program for gifted and talented youth



**Kindergarten - 4th Grade
SUMMER 2022**



**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.



High-ability children think big thoughts. They make connections across disciplines and work to understand how ideas and concepts are related to each other. Rather than exploring just one topic, such as chemistry, the students will learn how chemistry plays a role in real life. They will explore such questions as: What chemical reactions occur in our ecosystem? Are they helpful or harmful?

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 13-17 from 8:30 a.m. to 5 p.m.

Session 2:

June 20-24 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:

We are pleased to announce that the program will be held on the Purdue University campus in West Lafayette. Detailed classroom assignments will be included in the information packet provided after registration.

INQUIRIES:

For any inquiries, please contact our Super Summer coordinator, Yao Yang, at yang1707@purdue.edu.



COURSES

Week 1
June 13-17

KINDERGARTEN TERRESTRIAL SCIENCE EXPLORERS

You are surrounded by science every day! Explore physics, biology, chemistry, and Earth science and learn about energy with examples from your life. Learn how to form a hypothesis, then get messy and have fun creating your own experiments to solve puzzling questions. This is the perfect class to get an early jump on the world of science.

GRADES 1 - 2 SETTLING AMERICA: COMMUNITIES OF CHANGE

Have you ever wanted to take a trip out west and discover what it takes to be a pioneer? You will use the concept of change as a basis for exploring the lives and hardships of early American settlers. Using problem-based learning and creative problem-solving, you will build structures for shelter, create a California Gold Rush travel plan, and discover the environmental factors that may affect your journey. You will also participate in a number of hands-on activities that will introduce the concept of change, including building an egg catcher, observing an ant farm, and creating a 3-D relief map!

GRADES 3 - 4 MICROSCOPIC MONSTERS AND THE SCIENTISTS WHO SLAY THEM

Have you ever worried about catching a disease such as whooping cough? You will explore epidemiology through understanding the concept of perseverance and an important role it plays in eradicating many diseases. You will have an opportunity to explore the unseen world of microscopic organisms and learn to think like an epidemiologist. Hands-on activities, creative problem solving, and problem-based learning form the core of the daily experiences. You will learn the differences between bacteria and viruses, how the body defends itself against disease, and how scientists study a disease outbreak. Let the discovery begin!

GRADES 3 - 4 THINK LIKE A DETECTIVE!

Who is Sherlock Holmes? What skills make him a famous private detective in the world created by sir Arthur Conan Doyle? Holmes carefully observes, investigates, and thinks logically to solve each case and meet the needs of each client. In this course, you will solve cases, learn skills such as blood analysis, DNA analysis, crime-scene investigating techniques, and use math and science creatively. Are you ready to be a private detective? Let the discovery begin!

COURSES

Week 2

June 20-24

KINDERGARTEN

EXTRATERRESTRIAL SCIENCE EXPLORERS

Attention Earthlings! Join the ranks of Neil Armstrong and become a junior astronaut. Learn about our solar system and beyond through experiments and imagination. From the Earth's atmosphere and to the universe, explore energy and how space affects our lives. Come and experience our amazing journey and see what life might be like in the final frontier.

GRADES 1 - 2

BUILDING A BUSINESS: COMMUNITIES OF CHANGE

Have you ever wanted to be an entrepreneur? Join this course and learn how to build a business from the ground up! You will use the concept of change as a foundation for exploring business. Problem-based learning and creative problem solving will be used to help you create a business, sell merchandise, and shop 'til you drop! You will also participate in hands-on activities that will deepen your understanding of the concept of change, including growing plants, creating Tangram animals, and designing a Garbage Gallery.

GRADES 3 - 4

HUMAN HEALTH HEROES AND THEIR PUSH AGAINST PANDEMICS

How do scientists learn about what causes diseases and how to control epidemics? During week two, you will deepen your understanding of epidemiology and perseverance through exploring the various branches of epidemiology, the tools epidemiologists use, and the organizations charged with monitoring and tracking human health. You will round out the week by forecasting which disease might become the world's next pandemic and will also study famous epidemiologists from the past and the present.

GRADES 3 - 4

THINK LIKE A DETECTIVE! *The same as week 1*

Who is Sherlock Holmes? What skills make him a famous private detective in the world created by sir Arthur Conan Doyle? Holmes carefully observes, investigates, and thinks logically to solve each case and meet the needs of each client. In this course, you will solve cases, learn skills such as blood analysis, DNA analysis, crime-scene investigating techniques, and use math and science creatively. Are you ready to be a private detective? Let the discovery begin!

HOW TO REGISTER

WHO IS ELIGIBLE

Super Summer courses are designed for motivated, high-ability students, in kindergarten through fourth grade. The pace and level of these courses are appropriate for students in the top ten percent of the population in a given program area.

ONLINE REGISTRATION

Register online at:

<http://www.purdue.edu/conferences/SuperSummer2022>

- 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 (2021-2022 academic year).**

OTHER OPTIONS

By mail: GER²¹ Super Summer
Beering Hall, Room 5178
100 N University Street
West Lafayette, IN 47907

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: \$315 per child
- Both weeks, full-day program: \$600 per child
- Family rate, two or more children from the same family: \$300 per child, per week
- Purdue Employee Discount: \$290 discount per session (Purdue email must be presented for verification)



PAYMENT

Checks should be made payable to Purdue University. If 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. To apply, please contact the Super Summer coordinator, Yao Yang, at yang1707@purdue.edu

REFUND AND WITHDRAWAL POLICY

- a. If registration cancellation is received by Purdue Conference 45 or more days prior to the start of the event, the refund will be 100% of the attendee's deposit;
- b. 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;
- c. 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.

No refunds will be provided for registration cancellations or adjustments resulting in a balance of less than \$50.00





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Purdue University
Beering Hall, Room 5178
100 N. University St.
West Lafayette, IN 47907-2098

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Permit No. 221

Enroll online!

<http://www.purdue.edu/conferences/SuperSummer.2022>



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