



VIRTUAL SUPER SUMMER

Enrichment programs for gifted and talented youth



Kindergarten—4th Grade
SUMMER 2021



College of Education

About **VIRTUAL SUPER SUMMER** JULY 5-9



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. Half-day long, interdisciplinary courses are geared at least two grade levels above each student's current school grade.

Students will attend a half-day 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 GERI students. They receive professional training and ongoing support from the GERI 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.

WHEN:

July 5-9 from 9:00 a.m. to 12:30 p.m.

SCHEDULE:

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

WHERE:

All classes will be held through Zoom.

SUPPLIES:

We will need parents' help to prepare some household items for course supplies. Key supplies will be prepared by GERI.

INQUIRIES:

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



COURSES JULY 5-9

KINDERGARTEN DISCOVERY THROUGH EXPERIMENTATION

Do shadows move? How does wind erosion happen? Discover the answers to these questions and more as you gather common household items, building materials, and icky, gooey things. Create mind-blowing, kid-tested science experiments. The possibilities for scientific discovery are endless!

KINDERGARTEN DISCOVERY THROUGH ENGINEERING

What can bubbles do? Are there things bubbles cannot do? How can you make a bubble land without popping? Uncover the secrets of bubbles through experimenting with many different materials that can be used to make bubble wands. Become a materials engineer as you consider which materials are best for making different kinds of bubbles, and which combination of materials you will use to create your own unique bubble wand.

GRADES 1 - 2 DISCOVERY THROUGH HISTORY

How do the historic discoveries made by ancient civilizations affect our modern world? Examine in art, literature, and science how the contributions of the ancient Egyptian, Mayan, Roman, and Chinese empires have influenced modern civilization. You will also consider scenarios and solve complex mathematical and engineering tasks as you put yourself in the role of ruler of your own empire. Use your imagination as you design and build your own working society.

GRADES 1 - 2 WHAT IS THE RELATIONSHIP AMONG TOPOGRAPHY, BIOLOGY, CHEMISTRY, AND ECOLOGY?

What chemical reactions influence the environment? Gather evidence, analyze data, and interpret findings as you research and explore concepts of the physical environment, ecosystems, human ecology, and biodiversity. Examine interactions between geography and meteorology, the impact of common household compounds and the environment, and the effects of pollution on humans and animals.

For Kindergarten classes, parents are required to attend the class together.
For Grades 1-2 and Grades 3-4, it is optional.

Register online today at:
<https://cvent.me/avB9KP>

GRADES 3 - 4 DISCOVERY THROUGH VETERINARY MEDICINE

Have you ever considered that humans and animals have similar basic needs? Have you wondered how your pets view the surrounding world from their perspectives? Discover your inner veterinarian! Learn all about animal anatomy, physiology, and nutrition with dissection and other exciting hands-on and minds-on activities. Explore the veterinary needs of animals of all shapes and sizes!

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, and 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!



For Kindergarten classes, parents are required to attend the class together.
For Grades 1-2 and Grades 3-4, it is optional.

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:

<https://cvent.me/avB9KP>

- 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 (2020-2021 academic year).**



OTHER OPTIONS

By mail:

GER²I Super Summer
Beering Hall, Room 5117
100 N University Street
West Lafayette, IN 47907

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

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, half-day program: \$220 per child
- Family rate, two or more children from the same family: \$209 per child
- Purdue Employee Discount: \$209 per child
(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.

FINANCIAL AID

A limited number of need-based partial scholarships towards tuition are available. To be considered for financial assistance, please contact Yao Yang at yang1707@purdue.edu.

REFUND POLICY

All event attendees must pay in advance in order to attend an event. Refunds of fees paid in advance for non-credit activities may be made for a participant who subsequently is unable to attend and who requests in writing a refund prior to the event. All refunds will be processed in accordance with the following schedule:

- 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.

A refund will not be made to a participant who has attended any of the sessions.

Exceptions may be made if, in the judgment of the Chairperson and Event Planner, extenuating circumstances exist that prevent full attendance. A request for refund may require that some or all fees be withheld if costs were incurred based upon the assumption that the individual would attend.

Substitutions are generally preferable to refunds. If a participant is unable to attend a program, another individual may be substituted if Purdue Conferences is notified and provided with the needed information about the new participant. "





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

Enroll online!

<https://cvent.me/avB9KP>



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Purdue Gifted Education Research & Resource Institute



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