

## Campers Entering Grades K-1

June 8-12

### Creative Building

Location: BES M-Thurs., WL Fri.

Registration Code: C2008

Design and build your own toys, games, and play-scapes using a variety of surprising materials. Campers will create roller coasters, test flying machines, and build shelters while exploring engineering and physics. Use creativity and collaboration to develop spatial reasoning and early math skills.

June 15-19

### Things That Fly – New!

Location: BES M-Thurs., WL Fri.

Registration Code: C2013

What do birds, bats, bubbles, bugs, and space shuttles all have in common? We will explore what makes each one unique, and experiment with many types of flight. Campers will be observing different types of winged critters, experimenting with the physics of flight, and creating and launching rockets.



June 22-26

### STEAM-Powered Adventures

Location: BES M-Thurs., WL Fri.

Registration Code: C2017

Combining the best of science, technology, engineering, art, and math (STEAM) makes a week of fun! Campers will experiment with colorful chemical reactions, create simple circuits, craft with interesting materials, and play games that build estimation, probability, and simple arithmetic skills. Visits from community experts will aid in exploration.

June 29-July 3

### Storybook Science

Location: BES M-Thurs., WL Fri.

Registration Code: C2022

Science and imagination come together in the return

of this popular camp. Stories serve as the jumping-off point to hands-on scientific exploration. Campers will have the opportunity to conduct an exciting egg drop experiment. Independent reading and writing skills are not required for this camp, just imagination and curiosity!

July 6-10

### Physics – New!

Location: BES M-Thurs., WL Fri.

Registration Code: C2026

Campers will explore the logic and beauty of physical science with hands-on exploration. They will explore familiar phenomena such as sound, heat, friction, magnetism, and surface tension. They will also use simple machines to explore force and effort. Campers will make predictions and observations, which they will test with experiments.

## Campers Entering Grades 2-3

June 1-5

### Planting the Seed – Reimagined!

Location: Hilltop Gardens

Registration Code: C2004

Plan, plant, and maintain your own small plot of vegetables, herbs, and flowers at Hilltop Gardens. Learn about preparing meals from fresh-grown food. Enjoy gardening, nutrient-dense food experiences, physical activity, and outdoor fun. The garden plot you establish during camp will be available for you to continue working in and harvesting from throughout the summer.

June 8-12

### Inventor's Workshop

Location: BES M-Thurs., WL Fri.

Registration Code: C2007

Bring your curiosity, creativity, and ingenuity to explore concepts in hands-on ways. Campers can explore inventors and their inventions as well as use their ingenuity and varied supply materials to bring their own ideas to life.

June 15-19

### Geology – New!

Location: BES M-Thurs., WL Fri.

Registration Code: C2012

Come learn about the earth you live on - from our local karst landscape to the larger

world - through minerals, rocks and fossils. Explore geology, hydrology, geography, natural phenomena and landforms. Geology rocks!



June 22-26

### STEAM-Powered Adventures

Location: BES M-Thurs., WL Fri.

Registration Code: C2016

Combining the best of science, technology, engineering, art, and math (STEAM) makes a week of fun! Campers will experiment with colorful chemical reactions, create simple circuits, craft with interesting materials, and play games that build estimation, probability, and simple arithmetic skills. Visits from community experts will aid in exploration.

June 29-July 3

### Habitats & Homes – Reimagined!

Location: Hilltop Gardens

Registration Code: C2020

Take a closer look at local wildlife, and discover habitats in our community. Construct a habitat that provides food, water, and protection for insects, mammals or birds. Explore ways to help sustain natural habitats for plants, animals, and insects. Take a closer look at apiculture (maintaining a hive) from a beekeeper, and explore botany, zoology, and conservation.

July 6 -10

### TinkerLab: Code and Construct

Location: BES M-Thurs., WL Fri.

Registration Code: C2025

Get creative with science, technology, and engineering! Tinkering materials will range from paper and toothpicks to circuits and robots. Activities include designing a maze and coding a robot to move through it, exploring the basics of computer science, hands-on crafts, 'block-based' coding languages, and the egg drop challenge. Through

brainstorming and collaboration, campers learn to see challenges as opportunities.

July 13-17

### KitchenLab

Location: WL/BCS

Registration Code: C2028

Back by popular demand, Bloomington Cooking School (BCS) is partnering with WonderLab for a delicious week of culinary discovery alongside professional chefs. Each day, campers will walk 1.5 blocks to BCS and put their skills to the test in a real kitchen. Campers will learn about kitchen tools and safety, and taste their homemade creations. Campers will return to WonderLab each afternoon for kitchen science experiments.

July 20-24

### Story Garden – Reimagined!

Location: Hilltop Gardens

Registration Code: C2031

Cultivate a connection to children's literature through gardening! This camp uses powerful ecology-themed books to inspire learning through outdoor activities, creative expression, imagination, and open exploration.

## Campers Entering Grades 4-6

June 1-5

### TV Tech at WTIU – Reimagined!

Location: WTIU/WL

Registration Code: C2001

Campers will have behind-the-scenes television production experience at WTIU, the PBS television station on the campus of Indiana University. Project-based activities will explore storytelling, camera and lighting technology, storyboarding, animation, and more. This camp includes walking field trips to other media-based locations (TBD) on the IU campus as well as daily walks to WonderLab for documenting and filming.

June 1-5

### Planting the Seed – Reimagined!

Location: Hilltop Gardens

Registration Code: C2003

Plan, plant, and maintain your own small plot of vegetables, herbs, and flowers at Hilltop Garden!. This camp combines academic learning, gardening,

nutrient-dense food experiences, physical activity, and outdoor fun. The garden plot you establish during camp will be available for you to continue working in and harvesting from throughout the summer.

June 1-5

### **From Feathers to Flight – New!**

*Location: BES/Kent Farm*

**Registration Code: C2002**

Join us for a week of intensive, hands-on bird study, co-hosted by the Environmental Resilience Institute at Indiana University with support from the National Science Foundation. Students will spend mornings catching wild birds in mist nets, recording data points on each, and releasing them back into nature. This camp will include demonstrations and activities to aid in campers' understanding of bird ecology, anatomy, migration, flight, and identification. Camp will take place rain or shine, so send appropriate gear.



June 8-12

### **Intro to Animal MD**

*Location: BES M-Thurs., WL Fri.*

**Registration Code: C2006**

This popular camp returns! Work with real animals as you learn about animal care, animal health, and veterinary science. Examine live specimens, practice animal care techniques, receive insight from local animal experts, and have a behind-the-scenes tour of WonderLab's animal facilities. Campers will learn about wildlife ecology as well as hone their skills in anatomy, physiology, and biology with an introduction to dissection.

June 15-19

### **KitchenLab: Master Chef**

*Location: WL/BCS*

**Registration Code: C2010**

The Bloomington Cooking School (BCS) and WonderLab present cooking camp for campers with kitchen experience or ambition. Whether you've been cooking for years or are just getting started, you will be challenged by professional chefs who guide you through cooking a different cuisine each day and WonderLab scientists who help you explore the chemistry and biology behind cooking and food.

June 15-19

### **Animal MD: A Closer Look – New!**

*Location: BES M-Thurs., WL Fri.*

**Registration Code: C2011**

Enter into a more advanced level of animal science. Work with real animals as you learn about animal care, animal health, and veterinary science. Learn about wildlife ecology and collecting population data. Campers will examine live specimens, do dissection, practice animal care techniques, receive insight from local animal experts, and have a behind-the-scenes tour of WonderLab's animal facilities.

June 22-26

### **STEAM-Powered Adventures**

*Location: BES M-Thurs., WL Fri.*

**Registration Code: C2015**

This camp combines the best of science, technology, engineering, art, and math (STEAM). Campers will experiment, program a robot, construct, create, and play games you can win with the right mathematical strategy. Each day explores a new theme and features activities and visits from community experts.

June 29-July 3

### **Habitats & Homes – Reimagined!**

*Location: Hilltop Gardens M-F*

**Registration Code: C2019**

Come join a reimagined camp at Hilltop Garden. Take a closer look at our local wildlife, and invasive plants. Construct a habitat that provides food, water, and protection for insects, mammals or birds. Campers will make bird feeders, learn about bees from a beekeeper, and explore botany, zoology, and conservation.

July 6 -10

### **Maker Camp**

*Location: BES M-Thurs., WL Fri.*

**Registration Code: C2024**

Design and build projects that incorporate technology using ingenuity and creativity. Campers will use digital tools, construction and electronic materials, as well as tech-free tools for hands-on building challenges. Campers will enjoy 'programming' a friend to complete a maze as well as designing a habitat for a WonderLab animal friend.

July 13-17

### **Climbing Camp**

*Location: Hoosier Heights Gym*

**Registration Code: C2029**

Climb to new heights with WonderLab and Hoosier Heights Climbing Gym. This camp meets daily at Hoosier Heights gym, where campers have the opportunity to learn and practice rock climbing techniques and explore the science behind climbing. Scientific explorations include physiology, gravity, and physics as well as the geography and geology of climbing. Campers will climb every day and no previous climbing experience is necessary. Trained climbing experts supervise all activities.

July 20-24

### **Story Garden – Reimagined!**

*Location: Hilltop Gardens*

**Registration Code: C2030**

Cultivate a connection to children's literature through gardening! This camp uses powerful ecology-themed books to inspire learning through outdoor activities, creative expression, imagination, and open exploration.

### **Campers Entering Grades 7-8**

June 1-5

### **From Feathers to Flight - New!**

*Location: BES/Kent Farm*

**Registration Code: C2002**

Join us for a week of intensive, hands-on bird study, co-hosted by the Environmental Resilience Institute at Indiana University with support from the National Science Foundation. Students will spend mornings catching wild birds in mist nets, recording data points on each, and releasing them back into nature. This camp will include

demonstrations and activities to aid in campers' understanding of bird ecology, anatomy, migration, flight and identification. Camp will take place rain or shine, so send appropriate gear.

June 8 -12

### **Cybersecurity Camp - New!**

*Location: UITS*

**Registration Code: C2005**

In this collaboration between WonderLab and the Indiana University Center for Applied Cybersecurity Research (CACR), campers will become savvy and safe online by interactively learning how computers get 'hacked,' discovering how data is stolen, and learning how to defend against attacks through a variety of hands-on activities. Students will also receive a tour of Indiana University's F5 computer data center and the University Information Technology Service's (UITS) Cyberinfrastructure Building.

June 29-July 3

### **KitchenLab: Master Chef**

*Location: WL/BCS*

**Registration Code: C2021**

The Bloomington Cooking School (BCS) and WonderLab present cooking camp for campers with kitchen experience or ambition. Whether you've been cooking for years or are just getting started, you will be challenged by professional chefs who guide you through cooking a different cuisine each day and WonderLab scientists who help you explore the chemistry and biology behind cooking and food.

July 13-17

### **Climbing Camp**

*Location: Hoosier Heights Gym*

**Registration Code: C2029**

Climb to new heights with WonderLab and Hoosier Heights Climbing Gym. This camp meets daily at Hoosier Heights gym, where campers have the opportunity to learn and practice rock climbing techniques and explore the science behind climbing. Scientific explorations include physiology, gravity, and physics as well as the geography and geology of climbing. Campers will climb every day and no previous climbing experience is necessary. Trained climbing experts supervise all activities.