Welcome
Summer enrichment courses at Wright State University are designed to encourage your child’s creativity and enthusiasm for learning. Pre-College Programs is pleased to offer summer enrichment for students entering grades K-9. Students who desire challenge; are interested in learning and personal growth; and have the motivation to succeed are encouraged to take advantage of these hands-on, exploratory courses. Teachers and professionals from the Miami Valley provide exciting, educational, and challenging learning environments that encourages creativity and critical thinking. All courses are held on the main campus of Wright State University.
For more information or to register: www.wright.edu/precollege

FEES
Weekly Fee: The fee for each session is $140. A registration deposit of $70 per session is due with each application. The registration deposit is NON-REFUNDABLE after acceptance into the selected course. The balance due must be paid in full two weeks prior to the start of the session. Any payments made after the balance due date will be charged a $10 late fee. Pre-College Programs reserves the right to cancel any registrations if payments are not made by the given due date. After May 1, 2021 a fee of $10 per course will be charged to change a course selection once a student is officially enrolled into the program.

Lab Fees: Some courses require specialized lab equipment and materials. These courses will be charged an additional $20 lab fee. If a course has a lab fee it will be noted in the course description.

Confirmation of Registration: Upon acceptance, you will receive an email confirmation of your student’s registration.

Extended Care: Is available for parents who need to drop their student(s) off and/or pickup their student(s) before or after normal program hours of 9:00 a.m.-3:30 p.m. Parents who take advantage of the Extended Care option may drop off their student(s) between 7:30-8:00 a.m. and must pick them up by 5:30 p.m. The Extended Care option is an extra $55 per session, per student. There is a limited enrollment of 30 students per Extended Care session. Registration deadline for Extended Care, providing space is available, is the Wednesday prior to the start of each session at noon. A charge of $10 for every five minutes late during pickup time will be charged.

Cancellation/Refund Policy: The registration deposit of $70 per session is NON-REFUNDABLE after acceptance into a selected course. All requests for refunds due to cancellation must be submitted in writing. A fee of $35 will be deducted from refunds requested after May 1, 2021. Course changes or cancellations will not be accepted past the registration deadline. In the event that a course is cancelled due to insufficient enrollment, a full refund will be issued. Refunds will not be issued for students dismissed for disciplinary reasons.

IMPORTANT INFORMATION
Lunch: Students should bring a mid-morning snack and sack lunch with drink each day.

Recreation: Students should bring their swimsuit and towel on Tuesdays and Thursdays for swimming. If the swimming pool is closed due to maintenance, students will participate in supervised recreation.

Discipline Policy: It is expected that students will take responsibility for their own behavior and act appropriately to foster a positive environment for all participants. If a student should act inappropriately during the program, a warning will be given to the student and to the parents on the day of the infraction. If inappropriate behavior recurs, the child will be removed from the class and may be removed from the program. Severe or malicious infringement of the Discovery rules or policies will result in immediate dismissal from the program.

Holiday: No classes will be held on Monday, May 31 & Friday, July 3, 2020. All fees will remain the same for this week.

Pre-College Office:
Our academic year office is located at 210 Student Union. May 25—July 31, 2021 our summer administrative office will be located at 124 Allyn Hall. All mail should be addressed to: Pre-College Programs Wright State University 3640 Colonel Glenn Hwy. Dayton, OH 45435.

Daily Schedule
7:30 – 8:00 AM Extended Care arrivals
8:45 – 9:00 AM General arrivals
9:00 AM Discovery Opening
11:30/noon Announcements/Courses
12:30/1:00 – 3:15 PM Lunch and outside activities
3:15 – 3:30 PM Course project time recreation
5:05 – 5:30 PM General parent pick up

Extended Care pick up
**Discovery (Grades K-6)**

**Grades K-1**

**ASC 101 Snap, Crackle, Pop**  
Join us as we mix, squish, and create chemical concoctions that may crackle, pop, fizz, or sometimes safely explode. Learn to love experiments early on in school.

**Grades 2-3**

**ASC 102 Junior Detective**  
Put your crime scenes skills to the test when you learn about fingerprints, handwriting analysis, and more. Learn how to interview suspects and how detectives use logic and reasoning to solve mysteries.

**ASC 103 Knights of the Round Table**  
Learn what it was like to be a knight in shining armor as you journey through history and study famous castles, kings, and queens. Create your own coat of arms and build your own castle. Build a catapult and practice with different projectiles. Create your own piece of art using a catapult and painted objects.

**Grades 4-5-6**

**ASC 104 Webmaster**  
Have you ever wanted to make your own Web Page? Learn the basics about developing and creating your own page. Discover how to make links to cool sites, add graphics, and your own pictures. Learn the importance of safety while using the Internet.

**ASC 105 Carnival Science**  
Everyone loves the games at a carnival, but did you know that science plays a role in how easily you can win? At what angle do you want to toss the ball in basket toss? What height, curve, and velocity do you need to score big in skee-ball? What level of water in bottles makes it easiest to knock them down? Create, play, and test a variety of carnival style games. Learn how to make a favorite carnival treat.

**ASC 106 Discovery Court**  
Students have a chance to discover what a court room looks and feels like as they take on the assorted jobs. Students will participate in various “trials” to determine who is guilty and who is innocent. Court is in session!

**Camp Odyssey (Grades 7-9)**

**ASC 107 Mysteries in History**  
Have you been wondering who shot JFK or what is housed at Area 51? Unsolved mysteries intrigue us. Examine evidence of various historical events to determine what happened. See if you can unlock the answers to an unsolved mystery.
WEEK 2: JUNE 7 - 11, 2021

Registration Deadline for Session 2 is Wednesday, June 2, 2021 at Noon. No registrations accepted after deadline.

Discovery (Grades K-6)

Grades K-1

BSC 101 I Spy
Discover how to improve your detective skills through the power of observation. Learn logic skills through playing games. Explore how detectives use fingerprints and shoe prints to help in their analysis. Read detective stories.

Grades 2-3

BSC 102 Engineering Challenge
What do parachutes, potato chips, and the sun have in common? All of these will be explored during this class. Can you mail a potato chip without it breaking? Can you cook with only solar power? Can you safely land a cup of water without it spilling using no lid but a parachute you design? Learn how to take on challenges that will test your logic and reasoning skills.

BSC 103 Rainbows and Unicorns
Grab your diffraction glasses and prisms for a week full of color, light, rainbows, and bubbles. Explore optical illusions and how the eye sees various colors. Make art projects exploring the mixing and blending of colors. Study the mythology behind unicorns while exploring other one horned animals.

Grades 4-5-6

BSC 104 Science Myth Busters
What kitchen supplies will clean a penny? Can you squeeze an egg without it cracking? Discover the truth or untruth behind many science myths. Design investigations, choose experiments, test your theories and do data analysis. Explore the scientific method as you research and test your hypothesis.

BSC 105 Art Adventures
Create different projects each day! Learn about basic water-colors, chalk drawing, painting, clay, and more. Students will get a foundation in a variety of art mediums.

BSC 106 Hands-On Algebra
Get a head start on Algebra. Topics will include variables, expressions, integers, solving equations, inequalities, factors, fractions, and exponents. Prepare for your next math year at school by getting your mind to think Algebra.

Camp Odyssey (Grades 7-9)

BSC 107 Infrastructures
Explore the world of engineering and building. How are tunnels made to not collapse, what are the various bridges and when are they used, how do skyscrapers stand so tall? Research, discover, and build your own infrastructure in this hands-on class.

Wacky Wednesday theme: Super Heroes/Cartoon
### Discovery (Grades K-6)

**CSC 101 Continents and Culture**
Discover the world this week through the exploration of customs and cultures from around the world. Each day explore a different continent and its location. Learn common phrases, games, and songs from across the globe.

**CSC 102 Junior Science Magicians**
Become a science magician! Discover how physics and chemistry make magic. Experiment with things that glow in the dark and optical illusions. Concoct potions that change color. Learn how magicians read minds and impress your friends with coin and card tricks.

**CSC 103 Mummy Mysteries**
Get “wrapped up” in ancient Egypt. Learn how ancient civilizations made their mummies; explore how the pyramids were built as you create your own miniature model to take home. Write your name in hieroglyphics. Join us as we discover Egyptian mysteries.

### Grades 4-5-6

**CSC 104 Super Science Sleuths**
Learn the physics and chemistry behind magic as you make things appear, disappear, and levitate. Explore concepts of light, mirrors, magnets, and more. Try your hand at juggling and card tricks.

**CSC 105 Make Perfect Cents**
Do you like money? Would you like to know how you can earn it, keep it, manage it, and make more? Learn about checking and savings accounts, credit, investing, stocks, and more. Learn what it takes to have a budget now and in the future.

**CSC 106 Travel the World**
Discover a different part of the world each day. Try different foods, play games, read stories, and create projects based on different countries. Explore unique cultures, plant life, and animals from the different locations.

### Camp Odyssey (Grades 7-9)

**CSC 107 Movie Magic**
Explore movie making using the product Movie Maker. Learn how to add interest with photos, videos, music, titles, and more. Develop a commercial. Learn how to work in groups and individually on different projects.

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**WEEK 3: JUNE 14 -18, 2021**

Registration Deadline for Session 3 is Wednesday, June 9, 2021 at Noon. No registrations accepted after deadline.

**Wacky Wednesday theme:**
When I grow up...
**Discovery (Grades K-6)**

**Grades K-1**

**DSC 101 Reading the Sky**
Have you seen Orion and the Big Dipper? Learn about the sun, stars, and the constellations. Activities will focus on math and science. Students will create their own planet mobile.

**Grades 2-3**

**DSC 102 Kid-ventions**
Do you like to imagine inventions, create cool gadgets, and engineer exciting structures? Come and learn about kid creators, remake some of their inventions, and design your own.

**DSC 103 Art All Around**
Join us and experience multiple art forms. Imagine yourself in Asia, Africa, Central America, or the Middle East! Make crafts from these areas as you create rain sticks, masks, and more. Explore these and other art forms as it is made all around us.

**Grades 4-5-6**

**DSC 104 Pokemon Adventures**
Explore the history of Pokemon. Create your own Pokemon characters and develop their story line. Discuss the success of Pokemon and develop your own marketing plan to get even more people interested. Hands-on learning while utilizing your favorite characters.

**DSC 105 Prezis, PowerPoint, and Photos**
Spend a week learning how to improve your computer presentation skills. Research information to create Prezis and PowerPoints. Discover how to digitally alter photographs to enhance your presentations. Learn the importance of citing your sources.

**DSC 106 Time Travelers**
Build a time machine, and turn back the clocks. You may land in the Wild West, Roaring 20’s or a Renaissance Fair. Students will learn about different points in History, and what it was like to live during those time periods.

**Camp Odyssey (Grades 7-9)**

**DSC 107 Dissecting Disney**
Explore a variety of Disney movies in order to compare and contrast them to the original versions of the stories in history. Where did the story originate? Did the protagonist change from the original story?
WEEK 5: JUNE 28 - JULY 2, 2021

Registration Deadline for Session 5 is Wednesday, June 23, 2021 at Noon. No registrations accepted after deadline.

**Discovery (Grades K-6)**

**Grades K-1**

**ESC 101 "Fun"damental Computing**

Everyone needs to learn the basics of a computer! Learn basic keyboarding and word processing. Explore various education games and safe sites of the Internet. Designed to introduce participants to the "fun"damentals of computing.

**Grades 2-3**

**ESC 102 Computer Skills**

Take this class to learn all the basics of Microsoft Word, Publisher, and Excel. Students will learn how to use Excel to create a budget. Learn basic keyboarding skills as well.

**ESC 103 Star Warriors Academy**

Is there life on another planet? Learn science fact from science fiction when you explore the planets, creatures, and vehicles in movies and books; as you learn about the real planets, robots, and other space technology used.

**Grades 4-5-6**

**ESC 104 Archaeology Alive**

Learn what a real archaeologist does as you explore techniques used to dig, recover, and document artifacts. Make your own fossil impressions. Investigate to discover clues to our past.

**ESC 105 The Great Escape**

Codes, clues, riddles, and puzzles will all be a part of this crazy adventure. Using teamwork and troubleshooting, students will solve a series of challenges to unlock the “breakout” box. Students will learn the premise of the popular Escape Room challenges and create their own breakout game to use with friends.

**ESC 106 Codes and Ciphers**

Do you want to stop your younger sibling from reading your note? Do you want to feel like a real “secret” agent by passing a coded message to your friends? This class will show you many codes and ciphers, from simple letter switching to historic code tools. Students will also learn tips and tricks of breaking many types of codes.

**Camp Odyssey (Grades 7-9)**

**ESC 107 Social Psychology**

Have you ever wondered why you act, talk, or interact with your peers the way you do? Start with an introduction to social psychology. Examine your personality as we explore how brain structure and culture can explain only a portion of the question, “Who am I?”

**Wacky Wednesday theme:** Favorite Holiday
**WEEK 6: JULY 6 – 9, 2021**

Registration Deadline for Session 6 is Wednesday, June 30, 2021 at Noon. No registrations accepted after deadline.

**Wacky Wednesday theme:**
**Raider Day**

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**Discovery (Grades K-6)**

**Grades K-1**

**FSC 101 Sight Word Smash Up**

Sight words everywhere! Get a head start on the school year, by learning your sight words. Using different sensory techniques, students will find, write, sing, and smash their way into reading.

**Grades 2-3**

**FSC 102 Da Vinci Science**

Explore gizmos, gadgets, and ingenious inventions! Discover Leonardo and his amazing contraptions. Learn to write in “mirror writing.” Experiment with simple machines and build some of your own inventions.

**FSC 103 Tree House Magic**

Experience the world of Jack and his little sister Annie, as we combine literature and art to create projects based on the popular *Magic Tree House* series. Join us as we enjoy their adventures as they travel through space and time.

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**Grades 4-5-6**

**FSC 104 Space Odyssey**

Explore outer space and become an amateur astronaut by studying planets, constellations, and the phases of the moon. Simulate discovery of a new planet and civilization.

**FSC 105 Hogwarts**

Experience the world of Harry Potter as we combine literature and art to create projects and art based on the popular book series. Learn about the mythical spells, people, places, and much more. Discuss your favorite books and characters. Investigate Fantastic Beasts from the movie!

**FSC 106 Junior United Nations**

Create your own government. Negotiate with other countries and experience diplomacy at its best. Create your own flag, native crafts, and traditions. Design your country’s parliament and develop laws to make your country succeed.

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**Camp Odyssey (Grades 7-9)**

**FSC 107 Art Expo**

Drawing, sculpting, and computer designs are all forms of art. Explore with us as we create unique works of art from these and other various art forms. Students will also be introduced to artists and artwork that relate to their own creations.
Discovery (Grades K-6)

Grades K-1

GSC 101 Manipulating Math
Solve math problems in fun and exciting ways. This class will cover a variety of concepts including: graphing, measuring, estimating, recognizing patterns, keeping track of time, and more.

Grades 2-3

GSC 102 Magnetic Madness
Examine the world of electromagnets as you investigate magnetic properties of various materials. Study rocks that contain magnetic properties. Investigate how magnets are used in building structures.

GSC 103 Night at the Museum
Help historical figures come to life! Learn about famous people from different decades. Stand in as a wax statue of your favorite historical figure in Discovery’s very own Museum of History. Create your own costume and show off your wisdom of the past when you come to life for museum visitors!

Grades 4-5-6

GSC 104 CSI
Learn to solve crimes by gathering evidence including fingerprints, chromatography, shoeprints, and more. Discover the importance of using good logic to help solve the crime. Practice your interviewing skills and learn what questions are important to ask.

GSC 105 Popular Books
Do you love reading? Discuss what makes a book great and what it takes to make it popular. From Goosebumps, to Harry Potter, to Dork Diaries, and more, discuss popular themes throughout the stories. Play games, create art, and make a favorite snack from one of the many popular books.

GSC 106 Starting From Scratch
Computer programming for beginners. Scratch block programming from MIT will be used to create stories and interactive games on the computer. No prior experience needed. Just some creativity and a lot of imagination to help get you started into the world of computer science. This class is at a beginner’s level and not for those with coding expertise.

Camp Odyssey (Grades 7-9)

GSC 107 Forensic Science
Curious about a career in science? Learn various skills used by investigators to solve a crime: fingerprints, shoeprints, hair analysis and more. Put your skills to the test to solve your own “crime scene.”

Registration Deadline for Session 7 is Wednesday, July 7, 2021 at Noon. No registrations accepted after deadline.

Wacky Wednesday theme: Halloween in July
Week 8: July 19 - 23, 2021

Registration Deadline for Session 8 is Wednesday, July 14, 2021 at Noon. No registrations accepted after deadline.

Discovery (Grades K-6)

Grades K-1

HSC 101 Art and Science Safari
Set your compass for an adventure. Explore different trees, animals, bugs and their habitats around campus. Create art projects using natural resources you find while exploring!

Grades 2-3

HSC 102 Creative Clay
Coil it, pinch it, and work it with your hands! Using self-hardening clay, you will create many unique clay objects. Express your creativity as you use beads, ribbons, and more to decorate your pottery.

HSC 103 Young Leaders
Learn the importance of good character and leadership. Explore how one can be a good leader and a great team player through a variety of games and activities. Discover what it means to be a good sport at all times and how to work with others. Develop new skills you can use at home, school, or camp.

Grades 4-5-6

HSC 104  Mathtastic
Do you want to learn methods that will help you solve problems and understand math? Topics include spatial visualization, logic problems, and geometry. Discover short cuts to math and learn how math can be fun and fantastic.

HSC 105 It Can Fly
Investigate airplanes, hot air balloons, kites, birds, and more. Discover the aerodynamics that allows these items to fly. Work on your own designs to build the most efficient flying contraptions. Use research and trial and error to improve your flying machines.

HSC 106 Fractured Fairy Tales
Write your own fantastic fairy tales and develop a different ending to a familiar tale. Make crafts about the fairy tales you create and read about. Prepare to use your imagination. Students will create adventures to remember.

Camp Odyssey (Grades 7-9)

HSC 107 Leadership
Learn the importance of good character. Complete a variety of tasks that require cooperation and leadership. Improve on your problem solving, conflict resolution, decision making, and communication skills. Discover your leadership style.

Wacky Wednesday theme: Famous Person
### Discovery (Grades K-6)

**Grades: K-1**

**JSC 101 Discovering Dinosaurs**

Have you wondered what happened to the dinosaurs of long ago? Study different dinosaurs, what they ate, where they lived, and discover how scientists have learned so much about them.

**Grades: 2-3**

**JSC 102 Wacky Science**

Enter the wacky world of science that allows you to explore a different area of science every day. Learn about plants, animals, rocks, ocean creatures, and the human body. Do experiments and conjure up the budding “-ologist” in you.

**JSC 103 Cartoon Comics**

Put your creativity and drawing skills to the test! Learn how to draw cartoon characters and caricatures. Add special effects to make your cartoon creations unique. Create your own Discovery Comics to share with others.

### Grades 4-5-6

**JSC 104 Movie Magic**

Explore movie making using the product Movie Maker. Learn how to add interest with photos, videos, music, titles, and more. Develop a commercial. Learn how to work in groups and individually on different projects.

**JSC 105 DC v Marvel**

Who would win a fight between Superman and the Hulk? Explore the DC and Marvel Universes. Compare and contrast superheroes and their powers. Learn how to deliver a persuasive speech on who would win. Create your own superhero and develop your own illustrations.

**JSC 106 Design Dreamers**

Like to overcome a challenge? How can you overcome physics to build a tent or table out of newspaper? Using minimal resources, how can you mail a single potato chip without it breaking? Can you build a bridge that can withstand enough weight? Students will be encouraged to dream, design, build, and test in this class.

### Camp Odyssey (Grades 7-9)

**JSC 107 Webmaster**

Have you ever wanted to make your own Web Page? Learn the basics about developing and creating your own page. Discover how to make links to cool sites, add graphics, and your own pictures. Learn the importance of safety while using the Internet.

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**WEEK 9: JULY 26 - JULY 30, 2021**

Registration Deadline for Session 9 is Wednesday, July 21, 2021 at Noon. No registrations accepted after deadline.

**Wacky Wednesday theme:**

**PJ Day**

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**See you next summer!**