

DISCOVERY/ODYSSEY 2018

SUMMER PROGRAMS THE WRIGHT WAY



Pre-College Programs

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/precollge

FEES

Weekly Fee: The fee for each session is \$130. A registration deposit of \$65 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, 2018 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.

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. Morning only extended care is \$25 per session, per child and evening only extended care is \$40 per session, per child. There is a limited enrollment of 60 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 \$65 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 \$30 will be deducted from refunds requested after May 1, 2018. 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.**

Holiday: No classes will be held on Wednesday, July 4, 2018. All fees will remain the same for this week.

IMPORTANT INFORMATION

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

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

Gifted and Talented: Students selecting courses with *** must submit a school nomination form. Applications must be submitted with a school nomination from a teacher, guidance counselor, principal, gifted coordinator, or private psychologist for students applying for courses designed for gifted/talented students.

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.

Pre-College Office: Our academic year office is in O23 Student Union. **June 1–August 3, 2018 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
	Announcements/Courses
11:30/noon	Lunch and outside activities
12:30/1:00 – 3:15 PM	Course project time recreation
3:15 – 3:30 PM	General parent pick up
5:05 – 5:30 PM	Extended Care pick up

WEEK 1: JUNE 4-8, 2018

Registration Deadline for Session 1 is Wednesday, May 30, 2018 at Noon. No registrations accepted after deadline.

*Wacky
Wednesday
theme:
Crazy Hair/Hat*

Discovery (Grades K-6)

Grades K-1

ASC 100 Swimming and Salty Seas

Students will spend the morning studying salty and fresh water creatures, how they swim, what they eat, and how they adapt to their environment. Students will spend an hour each afternoon with WSU lifeguards learning basic swim instruction in small groups. Students must bring their swimsuits and towels each day. Additional \$20 lab fee applies to this course.

ASC 101 Dr. Seuss on the Loose

Join *The Cat in the Hat* and other Dr. Seuss books for a fun-filled week of literature and art. Create your own Seuss-like character and write a rhyming story.



Grades 2-3-4

ASC 102 Computer Skills

Take this class to learn all the basics of Microsoft Word, Publisher, and Excel. Students will learn safety tips while using the computer including how to deal with cyber bullying. Practice basic keyboarding skills as well.

ASC 103 Rainbow Art and Science

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.

ASC 104 Energy In/Energy Out

Students will spend half the day creating science experiments while learning about potential and kinetic energy. The other half will be allotted to games and activities for students to release their own kinetic energy. A great class for students with lots of energy.

ASC 105 OH - IO

Be proud to be a Buckeye and explore the heart of it all as you discover what makes Ohio great! Fly with the Wright brothers and blast off to the moon with Neil Armstrong. Chill down as you explore how the glaciers moved across Ohio and formed the Great Lakes. Enjoy Ohio's sweetest treat - Buckeyes. Spend time studying your favorite Ohio sports teams.

*** All 109 courses are Gifted/Talented Courses. Students must submit a school nomination to enroll.

Grades 4-5-6

ASC 106 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.

ASC 107 Super Science Sleuths

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

ASC 108 Origami

Discover the world of this ancient Japanese art. Learn about the art of three dimensional paper cutting and folding. Learn about its origins while making flowers, animals, and more out of paper. Be amazed as you develop your hidden talent in paper cutting and folding.

AGT 109 *** 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.

Camp Odyssey (Grades 7-9)

ASC 110 May the Force Be With You

Explore the invisible world of electricity by designing and building simple circuits. Feel the force as electricity and magnetism combine to create motors, generators, and telegraphs.

ASC 111 Treasure Trackers

Movies, books, and video games all have treasure components, searching for everything from ancient artifacts to the Titanic. Experts spend millions of dollars annually looking for treasures. Learn how historians have found these treasures. Study cartography and learn to use satellite imagery to locate items.

ASC 112 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.

"We have recommended the program to others because it is a great program that keeps the kids' minds sharp during the summer."
Parent 2017

WEEK 2: JUNE 11-15, 2018

Registration Deadline for Session 2 is Wednesday, June 6, 2018 at Noon. No registrations accepted after deadline.

*Wacky
Wednesday
theme:*

*Favorite Book or
Movie character*

Discovery (Grades K-6)

Grades K-1

BSC 100 Weather Watchers

When you get up each morning do you check your window to see what kind of weather we are having? In this class, students will learn about weather and what causes rain, snow, sleet, hail, and storms. Students will do hands-on experiments and create their own weather instrument.

BSC 101 Hola Amigos

Learning another language can be easy. Participants will learn Spanish greetings, colors, numbers, and the alphabet. Games, crafts, and hands-on projects will introduce the Spanish culture.



Grades 2-3-4

BSC 102 Swim – Float – Swim

Students will conduct hands-on experiments to study salt versus fresh water. Using common items students will create boats to float in small bodies of water. Students will spend an hour each afternoon with WSU lifeguards learning basic swim instruction in small groups. Students must bring their swimsuits and towels every day. Additional \$20 lab fee applies to this course.

BSC 103 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 104 Making Music

How is music and math related? Make homemade instruments throughout this class and discover how to stay on beat. Drums, guitars, and more can be made out of materials around the house. Learn how music relates to math as you explore the instruments.

BSC 105 Dollars and Sense

Why are candy bars placed next to the check-out aisle? Explore how advertisements influence you. Create your own marketing campaign. Develop a budget to help you save money.

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Students must submit a school nomination to enroll.**

Grades 4-5-6

BSC 106 Zombies and Math

Danger! Tombstone, Ohio is under breach from an outbreak of Brainpox to its citizens. Governor Corbett needs your help to discover how much time before Brainpox overtakes the town. Students will explore the world of fractions, ratios, mathematical modeling and much more as they derive at Tombstone's incoming doom.

BSC 107 Dynamic Desserts

Create a variety of desserts from healthy to decadent. Learn the science behind baking. What happens to a cake without a rising agent? Can you make an egg free cake? Experiment with no bake options, microwaved, and traditional baking methods.

BSC 108 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.

BGT 109 * 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)

BSC 110 If You Build It

Develop a cardboard boat that will float while holding a teammate. Design an egg contraption to protect dropped eggs. Create your own invention to make life easier. Prepare to research science, use your logically thinking skills, and trial and error to invent something new.

BSC 111 Laugh Factory

Great comedy doesn't just happen, it has to be crafted, and that starts with writing. Learn the basic principles of comedy, including satire and parody. Create skits, parody songs, and fake newscasts as you explore your funny side.

BSC 112 Debater's Club

Have you ever felt strongly about a controversial issue but felt unable to state your point? Improve your public speaking and your ability to analyze data while preparing for various debates. Learn debate etiquette and how to research both sides of a topic. Participate in multiple debates throughout the week.

WEEK 3: JUNE 18-22, 2018

Registration Deadline for Session 3 is Wednesday, June 13, 2018 at Noon. No registrations accepted after deadline.

*Wacky
Wednesday
theme:
Sports*

Discovery (Grades K-6)

Grades K-1

CSC 100 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.

CSC 101 Rhythm and Moves

Explore basic rhythm patterns while playing various percussion instruments. Create your own drums out of common objects. Increase your rhythm as you are introduced to different dance moves and styles.

Grades 2-3-4

CSC 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.

CSC 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 explore their adventures as they travel through space and time.

CSC 104 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.

CSC 105 Sea Life

Curious about the life cycle of a sea turtle? Do you wonder if all sharks are aggressive? Study sea life in this class and learn how to help our oceans stay clean. Create your perfect sea animal by combining traits of different sea animals.



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Grades 4-5-6

CSC 106 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.

CSC 107 Art Adventures

Create different projects each day! Learn about basic watercolors, chalk drawing, painting, clay, and more. Students will get a foundation in a variety of art mediums.



CSC 108 Popular Books

Do you love reading? Explore 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.

CGT 109 * Chemistry 101**

Come ready to explore the wonderful world of chemistry. Experiment with common household substances. Study the difference in acids and bases. Learn principles of chemistry through demonstrations, hands-on experiments, and games.

Camp Odyssey (Grades 7-9)

CSC 110 Physical Computing

Enter the world of physical computing by using block programming and microcontrollers to bring lights, servos, and sound to life. Create alarm systems, wearable art, and other interactive devices that solve everyday problems.

CSC 111 Dynamic Dramatics

Participants will learn the fundamentals of the theatre; stage directions, physical and vocal exercises, improvisation, theatre games, and much more. Students will display their dramatic side on the last day of camp.

CSC 112 Español

Get a head start on your high school foreign language requirement. Participants will learn and practice basic conversational Spanish. Explore the cultures and traditions of Spanish speaking countries.

WEEK 4: JUNE 25-29, 2018

Registration Deadline for Session 4 is Wednesday, June 20, 2018 at Noon. No registrations accepted after deadline.

*Wacky
Wednesday
theme:
Wacky Tacky
Mismatch*

Discovery (Grades K-6)

Grades K-1

DSC 100 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!



DSC 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.

*"My kids really loved coming. They loved their instructors, the content, the activities, and made new friends."
Parent 2017*

Grades 2-3-4

DSC 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.

DSC 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.

DSC 104 Math Games Galore

Students will enjoy creating and playing math games to sharpen their skills. Card games and dice are just a few things this class will use to make math fun.

DSC 105 Fun with French

Discover the French culture through their food and language. Learn basic French greetings and words. Participate in games, songs, cooking, and more.

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Grades 4-5-6

DSC 106 Movie Magic

Explore movie making using computers. 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.

DSC 107 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 108 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!

DGT 109 *** 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.



Camp Odyssey (Grades 7-9)

DSC 110 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.

DSC 111 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.

DSC 112 Tour of Asia

Take a tour of the wide variety of Asian cultures. Spend a day exploring countries like: Japan, India, China, and more. Learn about customs, foods, and activities typical of Asian countries.

WEEK 5: JULY 2-6, 2018

Registration Deadline for Session 5 is Wednesday, June 27, 2018 at Noon. No registrations accepted after deadline.

*Wacky
Thursday
theme:
Cultural Heritage*

Discovery (Grades K-6)

Grades K-1

ESC 100 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.

ESC 101 "Fun"damental Computing

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

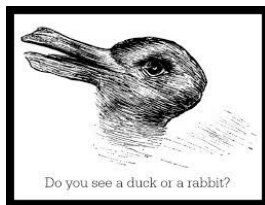
Grades 2-3-4

ESC 102 Perfect Pets

Have you been wanting a new furry friend or maybe you already have one? Learn about the different variety of pets available. Research the skills and training needed to properly care for a wide variety of pets. This class is not appropriate for children with allergies to animals as special appearances will be made.

ESC 103 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.



ESC 104 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 forms as art is made all around us.

ESC 105 The Great Outdoors

It's great to be outdoors in the summer. Students will learn about plants, birds, and creepy-crawly things. Learn about the calls and colors of common birds. Make a bird feeder to take home.

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There will be no class on Wednesday, July 4, 2018. All fees for this week remain the same. This week will be Wacky Thursday: Cultural Heritage. Students can wear clothing representing their culture and or patriotic.

Grades 4-5-6

ESC 106 Physics Fun

Explore magnetism, optical illusions, balloon science, and more as you discover the principles of physics. Participate in many hands-on experiments. Create your own experiments based on the principles of physics.

ESC 107 Survivor Skills

Learn about surviving in the wilderness. Subjects covered will include: setting up a camp, making knots, map reading, signaling, and rescues. Learn to identify food and water sources.

ESC 108 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.

EGT 109 * Logic and Games**

Brainstorm and analyze popular board games. Determine if the game needs, logic, skills, or luck. Then use your higher level thinking processes to create an original board game for the future. Take it home and play with your family and friends.

Camp Odyssey (Grades 7-9)

ESC 110 Goldberg Innovations

Study, design, and create complex gadgets to perform simple tasks. Research past designs through Rube Goldberg's cartoons and then create your own Rube Goldberg innovations.

ESC 111 Science of Sports

Ever wonder what angle is best used when playing billiards? Is it beneficial to put a spin on a ball? Learn the strategy and physics of sports as you participate in sporting events. Plan and develop your own sporting strategies and theories.

ESC 112 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 6: JULY 9-13, 2018

Registration Deadline for Session 6 is Wednesday, July 4, 2018 at Noon. No registrations accepted after deadline.

*Wacky
Wednesday
theme:
Halloween in July*

Discovery (Grades K-6)

Grades K-1

FSC 100 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.

FSC 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.

Grades 2-3-4

FSC 102 Lemonade Stand

Discover a variety of math concepts as you manage your lemonade stand. Make business decisions such as pricing, quality of product, inventory, and supplies. Learn to perform various mathematical functions to make your stand successful!

FSC 103 Artful Antics

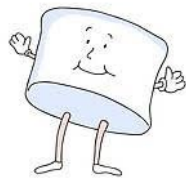
Discover the world of art as you explore a different art technique each day. Learn how to papier mâché, paint, draw, sculpt, and more. Use your creativity and explore the many mediums of art.

FSC 104 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.

FSC 105 Marshmallow Mania

Do you love fluffy marshmallows? Spend the week conducting experiments using them. Estimate how many can fit in a shoe box. Predict how far you can launch one across the quad. Experiment with the density of a marshmallow to make it sink. Create a marshmallow art project and dessert.



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Grades 4-5-6

FSC 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.

FSC 107 Roald Dahl Cooking Creations

Do you love the books *Charlie and the Chocolate Factory*, *Matilda* or *The BFG*? Author Roald Dahl has created a cookbook making creations from his many books and movies. Put your cooking and artistic skills to the test as you create. Spend time discussing your favorite Dahl characters.

FSC 108 Uncommon Sports

Learn the rules and great teamwork when you participate in uncommon sports such as: Frisbee golf, bocce ball, and others. Learn how to adapt sports so all can plan. Plan and develop your own uncommon sports.

FGT 109 * 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.

Camp Odyssey (Grades 7-9)

FSC 110 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.

FSC 111 Dynamic Desserts

Create a variety of desserts from healthy to decadent. Learn the science behind baking. What happens to a cake without a rising agent? Can you make an egg free cake? Experiment with no bake options, microwaved, and traditional baking methods.

FSC 112 Mock Trial

Learn the different components of a trial while developing critical thinking and persuasive speaking skills. Students will play the roles of attorneys, witnesses, judge, and jurors while engaging in this class.

WEEK 7: JULY 16-20, 2018

Registration Deadline for Session 7 is Wednesday, July 11, 2018 at Noon. No registrations accepted after deadline.

*Wacky
Wednesday
theme:
Super Heroes*

Discovery (Grades K-6)

Grades K-1

GSC 100 Math Patterns

Discover the rhythmic side of math. See how patterns emerge in addition and subtraction. Learn to tell time and determine the patterns involved with seconds, minutes, and hours. Develop your own pattern key to help you.

GSC 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 2-3-4

GSC 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.

GSC 103 Weather Wonders

Discover the power of ice, wind, fire, and water as you explore earthquakes, tornadoes, hurricanes, and blizzards. Build a hurricane-proof house, create a tornado in a bottle, research fire safety, and more in this class.

GSC 104 Toymakers

Hand-made toys have been a part of the lives of children for centuries. Make your own toy as you learn how to create toys from wood, fabric, and more. Discover the history of some of the first toys used by children in the USA.

GSC 105 Investigating Insects

Learn the best places to find bugs while searching campus. Examine different insects up close to see their similarities and differences. Create models of real and make-believe bugs.



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Grades 4-5-6

GSC 106 Codes and Ciphers

Do you want to stop your little brother 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.

GSC 107 Discovery's Got Talent

Ever wonder what it is like to be a super star? Discover song writing, singing, choreography, dancing, and comedy! Don't be shy, come on by and discover your hidden talents.

GSC 108 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.



GGT 109 *** Exciting Egypt

Through hands on exploration learn the history of Egypt and how it impacts us still today. Examine pyramids and build your own. Discover hieroglyphics and write your own. Explore mummification and what purpose it served.

Camp Odyssey (Grades 7-9)

GSC 110 Movie Magic

Explore movie making using computers. 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.

GSC 111 Dystopian Discovery

Explore famous dystopian stories like: *Hunger Games*, *Divergent*, and *The Giver* and compare how characters in each handle their situations. Students will then be divided into teams and be given dystopian scenarios where they will explore different plans on how to survive these apocalyptic scenarios.

GSC 112 Math Logic

Explore advanced mathematical topics, including integers, equations, fractals, and more. Work on mind benders and logic puzzles. Use critical thinking skills to solve the mystery. Discover short cuts and ways to use logic to make sure you have the correct answer.

WEEK 8: JULY 23-27, 2018

Registration Deadline for Session 8 is Wednesday, July 18, 2018 at Noon. No registrations accepted after deadline.

*Wacky
Wednesday
theme:
Flash Back:
Favorite Decade*

Discovery (Grades K-6)

Grades K-1

HSC 100 Kitchen Chemistry

Come and see what you can concoct as we make something out of nothing using common household ingredients. Create clay, chalk, putty, and more.

HSC 101 Aloha Hawaii

Learn about the uniqueness of our 50th state while celebrating the history. Explore the culture through food, language, and games. Make your own grass skirts and discover the life of an islander.

Grades 2-3-4

HSC 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.



HSC 103 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 104 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.

HSC 105 Acting ABCs

Want to be a superstar? Come and learn basic skills of acting through improvisational games, vocal exercises, stage directions, and character creations.

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Grades 4-5-6

HSC 106 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.

HSC 107 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.

HSC 108 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.

HGT 109 *** Quiz Show

Do you love competing with trivia alone or on teams? Enjoy a week of friendly competitions in math, science, history, literature, and even sports trivia. Learn how to listen for clues within the question. Spend time reading and researching items and see how much you retain for the quiz show after. Design your own trivia game.

Camp Odyssey (Grades 7-9)

HSC 110 Kid Biz

Develop your own business from choosing your product, to naming your business, designing a logo, understanding pricing and profit margins, and marketing your idea. Research trends in advertising and create a budget for success.

HSC 111 Life Lessons

Are you ready to move out already? Discover what will help you when it is time. Learn basic skills of cooking, laundry, job etiquette, money management, and more. Get a heads up on important life lessons.

HSC 112 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 the "crime scene."

WEEK 9: JULY 30-AUG. 3, 2018

Registration Deadline for Session 9 is Wednesday, July 25, 2018 at Noon. No registrations accepted after deadline.

*Wacky
Wednesday
theme:
PJ Day*

Discovery (Grades K-6)

Grades K-1

JSC 100 Imagination Destination

Become the next Picasso! Experiment with art by using stamps, spray bottles, stencils, sponges, and much more. Use a variety of materials to create your own masterpieces.

JSC 101 Nature Around Us

Discover the world of nature. Examine trees, birds, and bugs as you explore the campus nature trails. Create your own nature journal, map, and creepy crawly crafts.

Grades: 2-3-4

JSC 102 Kids and Cooking

Have fun mixing, measuring, and munching. Learn about the food plate, vitamins, minerals, and calories. Make and eat delicious and healthy foods.

JSC 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.

JSC 104 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.



JSC 105 Go West

Experience frontier life as you make candles, butter, and soap – the old fashioned way. Learn about the trip west on the Oregon Trail and design your own covered wagon.

Grades 4-5-6

JSC 106 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.

JSC 107 Skills 4 Life

Learn how to cook a nutritious meal, write a proper thank you note, and balance a check book. Explore decision making choices and critical thinking skills. Get a heads up on important life lessons.

JSC 108 Student Success

Learn the essentials for academic success: good study habits, time management, organization, outlining, test-taking strategies, active study techniques, and memory techniques.

JGT 109 * It's a Snap!**

Learn the skills of photography including how to frame a picture and what direction will give you the best light. Students will travel around to campus gardens to learn how to take still and live shots. Students need to bring their own digital camera, memory stick, and assume responsibility for their camera.

Camp Odyssey (Grades 7-9)

JSC 110 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?"

JSC 111 Career Choices

Interested in exploring your future? Research a wide variety of career fields. Investigate the education and experience involved as well as the financial pay off. Consider your personality and find the career that works for you.

JSC 112 Give Me Some Space

The sky is the limit with this course. Learn about stars, planets, black holes, galaxies, and space travel. Explore the possibility of extraterrestrial life.

*** All 109 courses are Gifted/Talented Courses. Students must submit a school nomination to enroll.

See you next summer!