



YOUTHSCIENCECENTER™

Inform | Instruct | Inspire

# 2026 SUMMER SCIENCE DISCOVER PROGRAM

JUNE 1 – JULY 10  
KINDER – 8TH

**Classes held at  
Grazide Elementary School**

2850 Leopold Ave,  
Hacienda Heights, CA 91745  
[youthsciencecenter.org](http://youthsciencecenter.org)



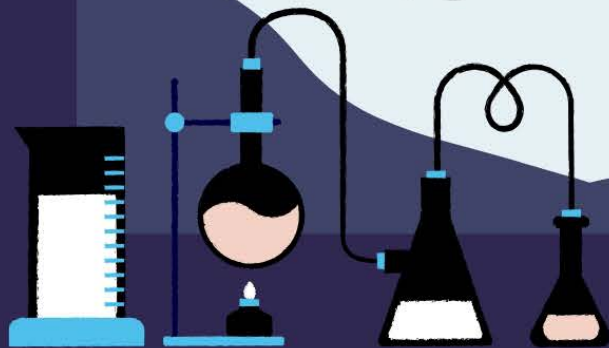
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## June 1 - June 5 (Week 1)

Time	Grade Level	Class Title	Subject	Description	Member*	Non-Member
8:30 - 11:45	K-2nd	#101 Block Builders: Block Coding in Minecraft	Computer Science	Learn coding with Minecraft! Learn how to use critical thinking skills, identify "bugs" and how to solve them, how to follow and predict a set of instructions, and decompose a problem into smaller steps by playing Minecraft Hour of Code block coding games.	\$143	\$155
		Ocean's Wild	Marine Biology	Put your mask on and come and explore the amazing and wild world beneath our ocean's surface. Learn about underwater canyons, animals and plants and even get to see some of these wonderful and wild creatures and plants up close.		
	3rd-5th	#102 Marine Mammals	Marine Biology	Put on your mask. Get ready to look into the ocean. Learn about the amazing animals that live in this incredible world. Make your own ocean fish print, dissect a squid, get up and close to a marine animal, and create fun take home animal crafts. You'll have a seasational time!	\$152	\$165
		Junior Digital Designers	Graphic Design	Unleash your creativity in this hands-on class where kids will learn to design movies, websites, and comic strips using Canva! From crafting cool animations to building eye-catching web pages and designing action-packed comics, this class turns imagination into reality. Perfect for young storytellers, future designers, and creative minds who want to bring their ideas to life.		
	6th-8th	#103 Mighty Mortar: Engineering with Clay	Engineering	Learn the properties of clay soils by creating your own clay, building structures with it, such as highway overpasses, tunnels, bridges, and etc. Then test their conductivity, strength, flexibility, and buoyancy.	\$143	\$155
12:30 - 3:45	K-2nd	#104 ToonFit Adventures: Pikachu, Sonic, Powerpuff Girls, Oh My!	Entertainment Technology	Get your bodies moving by harnessing Pikachu's powers, channeling Teen Titans super abilities, procuring Sonic the Hedgehog's lightning speed, securing The Powerpuff Girls' super powers, and many more. Watch short clips to draw connections between physics and human anatomy involved in possessing these powers by putting your bodies to the test by having friendly sporting and mental challenges to see who can jump the highest, run the fastest, throw the farthest, and etc.	\$143	\$155
	3rd-8th	#105 GIMP: Meme Maker	Graphic Design	Learn how to edit images and create animated memes and emojis using the GNU Image Manipulation Program. Students can either create their own memes or create a character from a photo. Students will then do advanced editing using GIMP software on their images to create their own animated memes and emoji to use on social media. Students can repeat classes, learn new techniques in each class, and start their projects from their own level.	\$152	\$165
	5th-8th	#106 Roller Physics	Physics	In this hands-on class, kids will dive into the world of dynamic motion, exploring the physics principles behind iconic modes of transportation and dynamic objects. From the thrill of skateboards and roller coasters to the mechanics of cars, bicycles, motorcycles, and more, students will embark on a comprehensive journey into the science of movement. This class is a dynamic exploration of the scientific principles that govern the movement of everyday objects. Join us as we ride, roll, and experiment our way through the captivating world of physics in motion!	\$143	\$155
4:00 - 5:30	K-4th	#107 Painting with Food	Chemistry	In this colorful and edible class, students will create colorful art with foods, artistic designs with their own natural food dyes, create self portraits and beautiful landscapes with condiments and spices, and much more.	\$79	\$85
	3rd-8th	#108 Minecraft.edu	Entertainment Technology	Use your creative and critical thinking skills to learn about Green Engineering through engaging activities specifically developed to promote learning through playing the popular game, Minecraft.edu.	\$83	\$90

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## June 8 - June 12 (Week 2)

Time	Grade Level	Class Title	Subject	Description	Member*	Non-Member
8:30 - 11:45	K-2nd	#201 Pokemon STEM Challenge	Entertainment Technology	Hey there, all Pokemon Trainers! Come join us and learn the science behind your favorite Pokemon along with their type weaknesses, resistance, and immunities and how they relate to the real world. Then get ready to choose your favorite Pokemon and have a virtual battle with your classmates to get your body moving. Then finally, wind down from all that battling and learn to draw your favorite Pokemon. Pokemon Trainers are passionate about their Pokemon, so we will definitely make some time for show and tell and sharing of Pokemon knowledge...who knows, you might even learn something new. You'll definitely get a well rounded experience in this class, you will learn science, get some exercise, learn to draw, and learn more about Pokemon! So, who's up for the Pokemon STEAM challenge?	\$143	\$155
		Ancient Science Jr.	Anthropology	Dig into the science of ancient times and unearth amazing discoveries! You will be creating artifacts, such as mediums to draw on, historical maps to navigate, and the Egyptian pyramids. Discover the mysteries behind mummies, skin and food preservation, shrunken fruits, and more.		
	3rd-5th	#202 New! Suds & Scrubs: Fizzy Chemistry	Chemistry	Ever wondered how soap cleans, lotion softens, or shampoo makes bubbles? In this hands-on class, kids will become mini chemists as they mix, measure, and experiment to create their own skin care products! We'll explore the science behind emulsions, pH balance, and natural ingredients while making fun, safe products like soaps, lip balm, and more!	\$143	\$155
		Web Development	Web Design	Learn the basics of web development and coding, such as HTML, in a fun and easy way, allowing kids to create their own websites.		
	6th-8th	#203 New! Pixel to Print: 3D Game Creations	Entertainment Technology	Join us on a journey from the digital realm of video games to the tangible world of 3D printing! This class teaches students how to design their own video game character and prepare them for 3D printing. Participants will learn about 3D modeling techniques, file preparation, and the printing process, culminating in the excitement of bringing their virtual design to life.	\$152	\$165
12:30 - 3:45	K-2nd	#204 Critters on the Move	Entomology	Are you fascinated by the world of bugs, or are you interested in their habits and their life cycles, or just plain curious about them? Well, then come join us and learn about different bugs and how they are an indispensable part of our ecosystem. The best part of this class, though, is that you can even get to take some of these critters home!	\$143	\$155
	3rd-8th	#205 New! Power Up with Renewable Energy	Environmental Science	Power up your knowledge with our Renewable Energy class! Kids will discover how the sun, wind, and water create electricity through fun, hands-on experiments and exciting projects. Learn how we can power the future while protecting the planet.	\$143	\$155
	5th-8th	#206 Arduinos: Microprocessor Programming	Computer Science	Have you ever wanted to get creative with technology? Well, in this class, whether you have no experience or are a tinkerer, artist, programmer, hobbyist, or just plain curious, then this class is for you as you will be able to bring your electronics imagination to life by learning the Arduino board, programming language, and software, which will enable you to plan and build projects. Skills in prototyping, soldering, and coding will continue to improve throughout the class. Students will build digital and interactive projects that can sense and control objects in the physical world and the best part is, you can take home your Arduino kit for further exploration. Good for beginners and repeating/intermediate students.	\$152	\$165
4:00 - 5:30	K-4th	#207 Edible Science	Chemistry	Eat your science experiment? Yes! In this class you will learn the science behind some of your favorite sweet foods and even eat them!	\$79	\$85
	3rd-8th	#208 Minecraft.edu	Entertainment Technology	Use your creative and critical thinking skills to learn about Chemistry through engaging activities specifically developed to promote learning through playing the popular game, Minecraft.edu.	\$83	\$90

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## June 15 - June 18 (Week 3) **No Class on June 19**

Time	Grade Level	Class Title	Subject	Description	Member*	Non-Member
8:30 - 11:45	K-2nd	#301 Coding for Kids	Computer Science	Come join us for all new activities that will teach kids how to use critical thinking skills, identify "bugs" and how to solve them, how to follow and predict a set of instructions, and decompose a problem into smaller steps by playing online coding games on an iPad. To finish it off, students will make an actual board game of their digital creations.	\$115	\$124
		Young Explorers: Where Science Meets Art in the Great Outdoors	Art Science	Join us for an exploration into the beauty of the natural world through the eyes of young scientists and artists. Join us for an unforgettable journey where creativity blossoms, scientific curiosity flourishes, and the great outdoors becomes a boundless canvas for learning and inspiration.		
	3rd-5th	#302 Sound Lab: Rockin' the Science of Music	Cymatics	Cymatics is an emerging science that blends sound and matter. In this class you not only get to hear music, but you will also get to SEE it. Learn the physics behind cymatics, get to rock out to music created by your own instruments, and learn about different vocal ranges by studying famous singers.	\$121	\$132
		Beginning Python Coding	Computer Science	In this class, students will learn how to code interactive projects in Python-a text-based programming language that is widely used in making web applications. Through project based lessons, students will be first introduced to the interactive coding environment, variables, conditionals, and loops all while manipulating their own sprites.		
	6th-8th	#303 New! Criminal Forensic Technology and Science Part II	Criminal Forensics	Ever wondered how real-life detectives solve crimes using science? Step into the world of forensic investigation and become a digital detective! In this exciting class, you'll dive into a virtual forensics lab to extract DNA, analyze fingerprints, test for mysterious substances, and uncover hidden clues. Then, put your skills to the test by solving thrilling real-life and fictional crime cases. Get ready to think like a scientist, investigate like a detective, and crack the case!	\$115	\$124
12:30 - 3:45	K-2nd	#304 Eco Rangers	Environmental Science	Eco Rangers is the ultimate class for young changemakers who want to make a difference! Kids will dive into the world of recycling, composting, and creative upcycling while learning how to reduce waste and protect the Earth. Fun experiments and eco-friendly crafts make this class a blast!	\$115	\$124
	3rd-8th	#305 Take Charge Thunderbolt	Physics	Can you harness Pikachus' thunderbolt powers to overtake others and continue your quest for the next battle? Well in this class you will learn about the different types of electricities that exists and whether or not you can use your electrical powers to make balls dance, to levitate objects, and to even shock your friends.	\$115	\$124
	5th-8th	#306 New! Drone Racer & Simulator	Drones	Get ready for takeoff! This interactive class introduces students to drone flying through hands-on practice and exciting simulator activities. Along the way, students will learn how drones support disaster relief efforts, from surveying damage to delivering emergency supplies. It's the perfect mix of technology, teamwork, and fun!	\$121	\$132
4:00 - 5:30	K-4th	#307 Eco Entrepreneurs: No Sew Fashion	Upcycling & Entrepreneur	Have you ever thought about being your own boss or about making money with your own designs? Well, in this eco entrepreneur class, not only will you learn to save money and use your imagination and creativity to create no sew clothing, puppets, cases, bags, cozies, and other useful household items, but you will also learn how you can become a steward of our planet by recycling old and unwanted clothing, fabric, toys, plastic knick-knacks, and etc to free up space in our landfills. Be your own boss, learn to recycle and gift or sell your fashions designs while protecting the planet.	\$63	\$68
	3rd-8th	#308 Minecraft.edu	Entertainment Technology	Use your creative and critical thinking skills to learn about Biodiversity through engaging activities specifically developed to promote learning through playing the popular game, Minecraft.edu.	\$67	\$72

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## June 22 - June 26 (Week 4)

Time	Grade Level	Class Title	Subject	Description	Member*	Non-Member
8:30 - 11:45	K-2nd	#401 Coding Unplugged	Computer Science	In this class, you will learn how computers operate, how coding works, how robots do things, and how computer applications function without the use of any computers or computer applications! That's right! In this unplugged class, you will learn all of this through actual hands-on crafts, "dances", and drawings.	\$143	\$155
		Bubbleology	Physics	Burst into the world of "bubbleology". Learn the physics and chemistry behind bubbles, such as surface tension and why bubbles are round, float, stretch, and pop. So, get your bubble wands ready to make and learn about bubbles!		
	3rd-5th	#402 Digging Deep: The Secrets of Soil	Soil Science	Come and and explore the exciting world of mud or more commonly known as Soil Science. Learn about soil colors, make your own soil profile, then create your own dirt pudding soil profile that you can eat! Make your own soil drawings to create your own soil painting masterpieces.	\$143	\$155
		New! The Mystery Makers: Exploring Sound, Movement, Painting, Ceramics, and Photography	Physics	Come and discover the wonders of both art and science! Students will engage in creative projects that blend scientific concepts with artistic expression. Understand how singers and dancers can perform effortlessly, how photographs capture images, how lumps of clay are transformed into art and much more. Join us for a vibrant journey of discovery where imagination and inquiry come together!		
	6th-8th	#403 3..2..1..Blast Off! Model Rocket Launch	Physics	This class explores fun experiments that teach how to build mind-blowing projects, each designed to show how mechanical science and astrophysics work. We'll use everyday items to build awesome rocket ships, paper spinners and mobile rocket launch pads, all while learning concepts like Newton's Third Law of motion, speed, gravity and air resistance. Kids learn to make scientific observations, identify and classify their questions, all while investigating aerodynamics.	\$152	\$165
12:30 - 3:45	K-2nd	#404 Digging Deep: The Secrets of Soil	Soil Science	Come and and explore the exciting world of mud or more commonly known as Soil Science. Learn about soil colors, make your own soil profile, then create your own dirt pudding soil profile that you can eat! Make your own soil drawings to create your own soil painting masterpieces.	\$143	\$155
	3rd-8th	#405 New! Pixel to Print: 3D Game Creations	Physics & Entertainment Technology	Join us on a journey from the digital realm of video games to the tangible world of 3D printing! This class teaches students how to design their own video game character and prepare them for 3D printing. Participants will learn about 3D modeling techniques, file preparation, and the printing process, culminating in the excitement of bringing their virtual design to life.	\$152	\$165
	5th-8th	#406 New! Fortnite Creative Physical World Challenge	Computer Science, Physics	Why do some jumps in Fortnite feel different? What happens when you hit terminal velocity? In this exciting class, kids will use Fortnite Creative mode to explore real-world physics principles like speed, acceleration, projectile motion, and collisions. Through custom-built challenges and experiments, they'll discover how science shapes every movement in the game—and in real life.	\$152	\$165
4:00 - 5:30	K-4th	#407 Slimey Science	Chemistry	Like things that ooze, things that are squishy, things that are icky, and things that are slimy? Then come join us for all new slime activities and learn the chemistry behind many different types slimes!	\$79	\$85
	3rd-8th	#408 Minecraft.edu	Entertainment Technology	Use your creative and critical thinking skills to learn about Farming Technology through engaging activities specifically developed to promote learning through playing the popular game, Minecraft.edu.	\$83	\$90

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## June 29 - July 2 (Week 5) **No Class on July 3**

Time	Grade Level	Class Title	Subject	Description	Member*	Non-Member
8:30 - 11:45	K-2nd	#501 Battle Bots Jr.	Robotics	Use your creative thinking skills and your competitive nature to program your robots, to complete the balloon popping challenge, to wrestle your robot gladiators, and much more in this fun robot engineering class.	\$115	\$124
		Science Time Travelers: How We Got Here	General Science	Travel through time and uncover the greatest scientific discoveries that changed the world! From famous discoveries, to the invention of electricity through space exploration, kids will learn about groundbreaking ideas and the brilliant minds behind them through hands-on activities, fun experiments, and interactive storytelling.		
	3rd-5th	#502 New! Map Quest: The Hunt for Lost Riches	Cartography	Come and join us for a thrilling adventure hunting treasures while learning how to read maps. Through teamwork and problem-solving, students will follow clues and navigate to hidden treasures. This hands-on experience not only builds map-reading skills but also encourages exploration, creativity, and fun! Join us for a quest that turns learning into an unforgettable adventure!	\$115	\$124
		Battle Bots	Robotics	Use your creative thinking skills and your competitive nature to program your robots, to complete the balloon popping challenge, to wrestle your robot gladiators, and much more in this fun robot engineering class.		
	6th-8th	#503 New! Cosmic Explorers: A Journey Through the Stars	Astronomy	Ever wanted to travel through space? Now's your chance! In this immersive astronomy class, students will step into our giant inflatable planetarium to explore the night sky like never before. With hands-on activities and exciting experiments, they'll learn about planetary orbits, cosmic distances, and the forces that shape our universe.	\$115	\$124
12:30 - 3:45	K-2nd	#504 Suds & Scrubs: Fizzy Chemistry	Chemistry	Ever wondered how soap cleans, lotion softens, or shampoo makes bubbles? In this hands-on class, kids will become mini chemists as they mix, measure, and experiment to create their own skin care products! We'll explore the science behind emulsions, pH balance, and natural ingredients while making fun, safe products like soaps, lip balm, and more!	\$115	\$124
	3rd-8th	#505 New! Circuitry Circus	Electrical Engineering	Experiment with these exciting snap circuits to make dozens of cool electronic gadgets. Learn the basics of electrical engineering and circuitry by building fun electric powered toys you can play with, such as a flying saucer, flashing lights, cool alarms, and much more.	\$121	\$132
	5th-8th	#506 3D Laser & Engraver	Graphic Design	Learn spatial reasoning using cutting edge tools required to create 3D designs and how to efficiently use computer aided design software to produce your projects. Use your imagination to give a unique touch to your personalized 3D laser and engraved printing projects.	\$121	\$132
4:00 - 5:30	K-4th	#507 Magic Science	Physics	Come discover the magical, surprising science in our world! Defy the forces of gravity, investigate optical illusions, experiment with sound makers, mix colors without touching them, and "see" invisible forces at work! Learn the magic behind the exciting world of physics!	\$63	\$68
	3rd-8th	#508 Minecraft.edu	Entertainment Technology	Use your creative and critical thinking skills to learn about Creative Design through engaging activities specifically developed to promote learning through playing the popular game, Minecraft.edu.	\$67	\$72

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## July 6 - July 10 (Week 6)

Time	Grade Level	Class Title	Subject	Description	Member*	Non-Member
8:30 - 11:45	K-2nd	#601 New! Fun Fungi: Building a Greener World with Mushrooms	Mycology, Environmental Science	Discover the incredible root structure of fungi, mycelium! Students will discover how mycelium serves as nature's recycler, breaking down organic matter and enriching the soil. They'll explore the future of mycelium, such as creating eco-friendly furniture, biodegradable clothes, and even building products. Through hands-on activities, kids will see how mycelium can help reduce waste, promote sustainability, and create a "greener" future!	\$143	\$155
		New! Circuitry Circus Jr.	Electrical Engineering	Experiment with these exciting snap circuits to make dozens of cool electronic gadgets. Learn the basics of electrical engineering and circuitry by building fun electric powered toys you can play with, such as a flying saucer, flashing lights, cool alarms, and much more.		
	3rd-5th	#602 Jr. Digital Designers	Graphic Design	Unleash your creativity in this hands-on class where kids will learn to design movies, websites, and comic strips using Canva! From crafting cool animations to building eye-catching web pages and designing action-packed comics, this class turns imagination into reality. Perfect for young storytellers, future designers, and creative minds who want to bring their ideas to life.	\$152	\$165
		New! Fun Fungi: Building a Greener World with Mushrooms	Mycology, Environmental Science	Discover the incredible root structure of fungi, mycelium! Students will discover how mycelium serves as nature's recycler, breaking down organic matter and enriching the soil. They'll explore the future of mycelium, such as creating eco-friendly furniture, biodegradable clothes, and even building products. Through hands-on labs, students will understand the microscopic world of mycelium and how it can create a "greener" future!		
	6th-8th	#603 New! Fortnite Creative: Survival World Challenge	Environmental Science	Gear up for an amazing adventure where you'll team up with friends to build a better world in Fortnite! Dive into Creative mode and learn how to tackle issues like climate change and food shortages. Compete in thrilling challenges to see who can design the most sustainable world using Unreal Editor for Fortnite & Creative. Let's save the Earth—one game at a time!	\$152	\$165
12:30 - 3:45	K-2nd	#604 Pet Vets Jr.	Veterinarian Science	This hands-on veterinarian class is designed to instill a sense of empathy, responsibility, and curiosity about the well-being of animals. Through a blend of play, exploration, and creative activities, our Pet Vet class will leave young learners excited about the world of veterinary care and the importance of kindness to animals.	\$143	\$155
	3rd-8th	#605 Bio-explorers: Dissections, One Cell at a Time	Anatomy, Biochemistry	Discover how the body works—from the tiniest molecules to entire organ systems! In this interactive class, students will dissect specimens to study anatomy while also performing biochemistry experiments to explore how enzymes power digestion, how proteins build muscles, and much more. It's a perfect mix of hands-on exploration and scientific discovery.	\$152	\$165
	5th-8th	#606 Roblox Lua Coding	Computer Science	Curious about entering the world of computer science? Learn Lua - one of the most popular languages for video game programmers using the hit platform Roblox! Students will use Roblox Virtual Studio graphical and Lua-scripting capabilities to learn the basics of building a graphical interface and writing simple code. Watch your creations come to life! No experience necessary!	\$152	\$165
4:00 - 5:30	K-4th	#607 Balloon Engineering	Engineering	Engineer some fun by learning about fish and human physiology; engineer creative aerodynamic vehicles and launchers; and engineer fantastic durable arch structures all with the use of your critical thinking skills, fine motor skills, and you guessed it, balloons!	\$79	\$85
	3rd-8th	#608 Minecraft.edu	Entertainment Technology	Use your creative and critical thinking skills to learn about Creative Design through engaging activities specifically developed to promote learning through playing the popular game, Minecraft.edu.	\$83	\$90

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