Weekly Themes:

RHR: Red Hot Robots
FLA: Flight Academy
CCW: Crazy Chemworks
SAL: Secret Agent Lab
SIM: Science in Motion
EKA: Eureka
NASA: Academy of Future Space Explorers
DINO: Dinosaurs & Ancient Worlds

Click on your city to register! *Theme summaries by daily topic can be found below* *All camps are Monday - Friday*

City	State	Location	Address	14-Jun	21-Jun	28-Jun	5-Jul	12-Jul	19-Jul	26-Jul	2-Aug	9-Aug	16-Aug
Arlington	VA	St. Michael's Episcopal	1132 N Ivanhoe St		FLA	CCW	NASA	SIM	DINO	FLA	CCW	NASA	SIM
Bethesda/Chevy Chase	MD	Bethesda Elementary	7600 Arlington Blvd		RHR	SIM	EKA	CCW	NASA	SAL			
Bethesda/Chevy Chase	MD	Church in Bethesda	5033 Wilson Ln	DINO							RHR	FLA	DINO
Clarksburg	MD	Wilson Wims Elementary	12520 Blue Sky Dr		NASA	EKA	SAL	FLA	RHR	CCW			
Clarksburg	MD	Clarksburg HOA Comm Cntr	12918 Clarks Crossing Dr								SIM	DINO	SAL
Gaithersburg	MD	Rachel Carson Elementary	100 Tschiffely Square Rd		SIM	NASA	CCW	DINO	SAL	RHR			
Gaithersburg	MD	Fairhaven United	12801 Darnestown Rd	FLA							FLA	SIM	EKA
Olney/Sandy Springs	MD	Olney Elementary	3401 Queen Mary Dr		RHR	FLA	SIM	CCW	EKA	NASA			
Olney/Sandy Springs	MD	Olive Branch Church	416 Olney Sandy Spring Rd	DINO							SAL	DINO	FLA
Rockville	MD	Luxmanor Elementary	6201 Tilden Ln		EKA	RHR	DINO	SAL	SIM	FLA			
Rockville	MD	Faith United Methodist	6810 Montrose Rd	CCW							EKA	NASA	DINO
Silver Spring	MD	Silver Spring United	8900 Georgia Ave	CCW	DINO	SAL	FLA	SIM	NASA	EKA	CCW	SAL	RHR
Eastern Market	DC	Hill Center	921 Penn. Avenue, SE		SIM	DINO	FLA	SAL	RHR	EKA	SIM	NASA	CCW
Tenleytown	DC	Citizen Heights Church	4100 River Road, NW		EKA	SAL		RHR	CCW	SIM	DINO	FLA	NASA

While many of our camps are located in churches, none of our content is religious in nature.

EARLY REGISTRATION DISCOUNT: Save $40 per camp week! Enter coupon code EARLY2027 at checkout. Offer Expires January 15th.

Would you like extended care? It is offered 8:00am - 9:00am and 4:00pm - 6:00pm at all camps. Options are available immediately after choosing camp week.

Dates and Times

- All camp weeks are Monday - Friday, including the week of July 5-9
- The camp day runs from 9:00 am - 4:00 pm

Cancellation Policy

- If requested more than 30 days prior to the start of the camp week, receive a 100% credit for any other week, or full refund minus a $50 administration fee per week
- If requested seven to 30 days prior to the start of the camp week, receive a 100% credit for any other camp week or a 75% refund

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FLIGHT ACADEMY

Calling all future pilots! As a Mad Science flight cadet, you will take a nosedive into the world of aerodynamics. Build your own kite, test stunt planes, and watch as we launch model rockets over 200 feet into the air! Then, set your eyes to the distant skies, and learn about outer space. Take a tour of the galaxies and learn more about the incredible place where we live: the Milky Way!

Daily topics listed below, which may not be taught in this order

The Wright Stuff
Step into the shoes of early aircraft inventors and experience the discovery of flight. Learn how the Wright brothers used science to achieve flight. Assemble your own rubber band powered stunt plane, and take home a flying helicopter that is similar to the toy that fascinated the Wright brothers as young boys!

Up, Up, and Away!
Harnessing the wind and taking flight is tons of fun! Build and decorate a kite while learning about the forces of flight. Utilize the power of the sun to discover how hot air balloons fly!

Milky Way
What is the Milky Way, and how do we know what's up there? Build your own sextant, sundial, planisphere and even a refracting telescope while discovering the wonders of the galaxy.

Rockin' Rockets
Imagine yourself soaring over the clouds and into space as you build your own model rocket that can fly over 200 feet! See the ins and outs of rockets with hands-on experiments and activities. Learn the Rocket Safety Code and take part in a real model rocket launch!

Newton's Loco-motion
Sir Isaac Newton was just as curious about how things move as we are. Discover Newton's Laws of Motion and something he called "inertia." Take part in a soda bottle rocket launch, and measure how high a model rocket can fly using a homemade altitude tracker!

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UNDERGROUND EXPLORERS

Dinosaurs and Ancient Worlds

Dig up dinosaurs and the ancient past! Use evidence to solve real-life mysteries! Learn about archaeology and the techniques scientists use to excavate fossils and long-lost cities. Study bone fragments, pottery shards, and amber deposits to understand what they can tell us about history. What's more, each class includes a make and take-home project, like a fossil reproduction, an amber time capsule, and coins from around the world!

Daily topics listed below, which may not be taught in this order

History Hunters
Put on your paleontology hats and go looking for historical treasure! See the ins-and-outs of a paleontological dig. Learn about the different ways fossils are displayed by creating your own models!

Can You Dig It?
What could this bone belong to? Use your observational skills to piece together the puzzle and identify mystery bones, teeth, claws, and skulls! Excavate real animal bones from a pellet, and use everyday ingredients to create your own fossilization scene!

Pieces of our Past
Learn about patterns of wear, and hypothesize about the use and age of unfamiliar items. Decorate your own clay pot like an ancient artisan, and use patterns to piece together a damaged artifact!

Buried Stories
Learn about Pompeii and recreate the eruption of Mount Vesuvius. See how ancient civilizations were built, and simulate primordial aqueducts. Discover how certain conditions can preserve objects and help us better understand ancient cultures and historical events!

Ancient Artifacts
Discover how to date objects using techniques like carbon dating and stratigraphy. Use a metal detector to find hidden coins, and then use the skills you've learned to restore them to their former glory, and figure out where they came from!

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Science in MOTION

Discover how things move with science! Each day, learn about a different realm of the scientific world. Become a zoologist and study the lives of birds! Step into the shoes of an engineer to learn all about structures & simple machines. Put on your lab coat and be a chemist for the day! What's more, you'll get to make and bring home animal houses, challenging puzzles, chemistry based creations, and more! Science in Motion is the perfect introduction to all things scientific!

Daily topics listed below, which may not be taught in this order

Jr. Engineers Structures are all around you, everywhere you look and everywhere you go! Join a team of scientists to inspect the elements of structures as you build and test structures. Climb inside a geodesic dome that you construct with fellow campers. Build a Soma cube puzzle that may even stump your parents!

Machine Mania Investigate the world of simple machines as you learn that machines are helpful for work or play! Assemble and control pulleys, levers, catapults and mega-pinchers! Use machines you create to shoot ping-pong balls! Operating your simple machines will make work seem like play.

Crazy Chemistry Chemistry is part of your everyday life, but... what is it? Explore this terrific topic and use chemistry to make your own sidewalk chalk. Create a crystal garden out of common household items and use chromatography to make a camp bandana!

Birds & Beasts Study Biology as you become an ornithologist and discover the unique characteristics of birds. Investigate feathers to see how birds fly. Dissect owl pellets to find out what they eat (and what they can't digest)! Make your own birdhouse to attract your favorite species of birds to your yard.

Shutterbugs! Explore the use of light to utilize more than one form of photography. Make a cool kaleidoscope with mirrors. Apply your skills to make a camera obscura that will help you to understand how a camera works. Get artistic with sun activated ink and create a print to take home.

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Blast off with a camp designed and created specifically by NASA engineers! Train to become a future space explorer, and get set on a trajectory from our Earth's atmosphere to the outer reaches of our solar system! This hands-on program will bring you closer to the stars, planets, comets, and more. Learn about living in space, get away from gravity, look for space phenomena, and participate in a rocket launch!

Daily topics listed below, which may not be taught in this order

Celestial Bodies: Earth and Beyond Explore the farthest reaches of our solar system and create a lunar eclipse in this "mad" planetary tour! Work out your escape velocity to get away from gravity and bring it home with a Gravity Assisted Launcher®. Next, go on a mission to explore the atmosphere on Earth, and beyond. Create a rainbow and make a sunset. Mix up various planetary atmospheres, one molecule at a time, and act out the weight of the atmosphere!

Astronauts-in-Training Discover technology designed for outer space! Steer a laser beam through a laser maze, get a feel for radar technology, and discover everyday objects that were originally designed for use in space! Bring the excitement home with a Stereoscopic Viewer® with 3D images of space. Compare the temperatures on Neptune with Venus and practice an out-of-this-world team challenge!

Solar Launch This stellar program is your ticket to the stars! Follow the life cycle of stars and see how constellations change when you travel across the galaxy. Learn to read a star chart and try your hand at following the skies to tell the time of year. Jump from star gazer to rocket scientist! Investigate the four forces of flight, and explore the science involved in rocket construction as you build your own Skyblazer Rocket® that you can take home!

Eye on the Sky Come take a closer look at asteroids, comets, satellites, and other lights in the night sky. Bring far-away objects into focus as you learn about the power of mirrors and lenses. Build a Space Telescope® to take home and participate in a sky gazing marathon!

Space Voyage Learn what it takes to be a true globetrotter! Race a balloon rocket and design your own car engine as you learn about thrust. See the principles of propulsion at work in a model real rocket launch!

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SECRET Agent Lab

Suspects! Schematics! Sleuths! Uncover the science involved in gathering and analyzing evidence and detecting fingerprints. Train your recall and observation skills and learn how to use spy equipment! Connect the dots using science to help solve a crime in this hands-on investigation. Every day, you'll get a new set of tools to continue your sleuthing at home!

Daily topics listed below, which may not be taught in this order

Discover Detection Use your skills of listening, testing, and observation during this day of detection. We will investigate fingerprints, handwriting, and shoeprints to reveal the identity of our suspects. Listen to an audio crime story to learn clues needed to solve a mystery. Learn to view the story from all angles with a nifty new device.

Spy Academy We will utilize spy gear such as metal detectors, spy ears, and motion sensors to hone our skills. Spies need to understand and use secret codes to pass along important information. Investigate the dancing men code, Braille, and many other ways to share classified information. Use your new skills to write a message and digestively dispose of it before it can get into the wrong hands.

Sleuths on the Scene Follow in the footsteps of Sherlock Holmes and think like a detective. Try your hand at techniques used by forensic scientists to solve mysteries! Learn proper procedures as you use all of your senses to study and dissect debris for evidence.Take home your very own Scene Solver to create a crime scene!

Funky Forensics Using forensics to evaluate evidence is a huge part of the spy business. Analyze evidence with chemistry, collection skills, and spy tools. The correct conclusions are critical to solving the crime scene puzzle. Identify acids and bases and test synthetic blood samples in our forensic lab!

Science of Security Unlock your spy skills as we tackle the toughest security. You'll "pick open" locks, sneak past a whisper-meter, and create your own security system. Teams will attempt to crack through each other's security systems to track a treasure.

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EUREKA!

Creative Contraption Warning! This is a camp designed by you—the Inventor! Each day you'll be given a series of challenges which must be overcome using basic materials, simple machines, tips from world famous inventors, and the most important thing of all – your mind. With a little bit of ingenuity, you will create catapults and forts, construct working light sticks to take home, and assemble a set of circuits with batteries and light bulbs. While Thomas Edison said, "invention is 10% inspiration and 90% perspiration," this camp is 100% FUN!

Daily topics listed below, which may not be taught in this order

Rock, Paper, Scissors - It is the middle ages and your "army" is under siege. All you have at your disposal is paper, scissors and ...duct tape. What will you do? How will you defend your castle? How will you take the battle to their castle to vanquish your foes?

Think Fast! - It took the world 100 years to go from traveling by horse and buggy to landing on the moon. You're smart - you'll do it in a day! Learn to fly gliders, planes, jets and rockets in this fast paced adventure!

Shipwrecked - If you were stranded on a desert island, how would you survive? Well, on this day we will find out. You will need to build a shelter, find food and water, protect yourself and your teammates from the elements and find a way off the island!.

Whiz Kidz - Did you know that an accident can become a great invention or that kids have created some of the gadgets we use every day? With materials that look a lot like, well ... junk - you'll be put to the test!

Science Fiction - Journey to the future and examine the ultramodern inventions of the 23rd century. Then design the future - today. "Create" lightsabers, hovercraft, and jet packs. Determine the difference between science fiction and science fact!

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RED HOT ROBOTS

Learn about the uses of robots in the world. Spend time playing with our super cool red-hot robots. Discover robots that can "see" and "hear" and learn how robots navigate the world around them! Compare the anatomy of a robot to that of our own! Use your skills to build your very own working robot to take home to "live" with you. Experiment with programming robots, learn about circuitry, and much more!

Daily topics listed below, which may not be taught in this order

Robot Anatomy Children will explore the fundamentals of robotics and discover how robots are used through activities and games. They will begin to build their very own robot that they will take home at the end of the week!

Circuit Science This program will explore the "nuts and bolts" of robots as children will build simple circuits, test for conductors and non-conductors and discover how switches work. Children will make their own "Bugbots" to take home.

Use Your Common Sensors! Children will explore the concept of sensors and learn how machines react to their environment. They will play games that challenge their senses and do activities that test their communication skills!

Robots 101 Campers will learn about Asimov's "Laws of Robotics" and applications of robotic technology in this fun-filled program. They will continue building their robot and make their own "Puppet Robot" to take home.

Advanced Robotics Children will complete the building of their robots and spend time using their imaginations to create robot designs of their own. They will experiment with special robots that play with each other and discover how to program robots via a sequence of commands. Each child will take home their robot to continue their exploration of robotics at home!

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CRAZY CHEMWORKS

This action-packed summer camp is bubbling over with classic experiments and crazy concoctions! Get to know lab basics, then jump into the incredible world of chemistry! Perform spectacular hands-on activities using real science equipment and tools. Witness stunning demonstrations involving slime, dry ice, and more. Learn and apply concepts and techniques just like a real chemist!

Daily topics listed below, which may not be taught in this order

Experimental Essentials - Learn to be a real Mad Scientist in this whirlwind class on how to use laboratory equipment. Once you've completed Lab Works 101, create a tiny world of atoms with your very own set of Atomic Coins! Learn to recognize chemical reactions and mix up a few reactive ingredients for some sensational results!

Super Cool Science - In the morning, manipulate matter in all of its three states! Melt metal in boiling water and freeze water with just a breath of dry ice! Use your Thermocolor Cup to test the temperature of liquid matter in your home. In the afternoon, stick it to the walls, and push the power of tape to the limits in this adhesive hour on things that cling Build a bond with glue and get attached to your Professor Beakerdude kit!

Reaction Time - Hop on board the chemistry express for high-speed science experiments! Perform split-second reactions that go mad! Learn all about the world of polymers! Create slime using the Mad Science recipe, and then enter the Slime Olympics! Take home your own creation of slime in a Mad Science Activity Cup!

Colorful Chemistry - Discover amazing things that glow bright in the dark! Probe the properties of light and glow-in-the-dark technology. Then, take a dip into the world of acid and bases. Explore the pH extremes in what is sure to be a popping experience!

CheMystery Solved! - Discover the mystery in chemistry! Watch water turn into juice and liquids turn into solids. Then, use everything you've learned to help crack a case. Inspect fingerprints, mystery powders, ink samples, and teeth impressions!

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