



## WELCOME TO COUNTRY DAY'S SUMMER PROGRAMS!

Rolling Hills Country Day School is excited to offer the following summer programs for Summer 2022. The school will follow all State and County COVID-19 mandates.

### ACADEMIC SUMMER SCHOOL OPTIONS

**June 27 – July 22, 2022\***

Junior Kindergarten

Academic Summer School for Grades 1-8

Summer Study Skills for Grades 6 -8

### EXPERIUM SCIENCE CAMP & FULL DAY CAMP SESSIONS

Session #1: June 27 – July 8\*, 2022

Session #2: July 11 – July 22, 2022

Session #3: July 25 – August 5, 2022

Session #4: August 8 – August 19, 2022

### HALF DAY CAMP SESSIONS

Half Day Camp is ONLY available if your child is enrolled in a half day program like Experium Science Camp or Academic Summer School during that same session.

**\*Please note: There will be no summer programs on Monday, July 4<sup>th</sup> due to the holiday.**

Thank you for giving us the opportunity to share this summer with your child. Please let me know if I can be of any assistance to you in your preparation for Summer Registration. If you have any questions, please do not hesitate to contact me at:

**Melissa Sandoval**

Director of Summer Programs

[msandoval@rhcds.com](mailto:msandoval@rhcds.com)

310-377-4848 ext. 7051

# ACADEMIC SUMMER SCHOOL OPTIONS

*Please note: Half day camp is available to those enrolled in the following academic programs:*

## Junior Kindergarten

**June 27 – July 22\*: 8:45am – 11:30am**

***\$1750 (Before June 1<sup>st</sup> = \$1,550)***

RHCDS is offering our traditional Junior Kindergarten program as a four-week class for students going into a full-time kindergarten program in the fall.

The Junior Kindergarten program will include:

- 2 hours each day of classroom instruction
- Small class sizes with a maximum of 12 students
- Daily Reading Instruction
- Daily lessons in hands-on mathematics
- Creative Play, Art & weekly theme-based projects
- Snack and recess time

## Academic Summer School for Grades 1 –8

**June 27 – July 22\*: 8:45am – 11:30am**

***Grades 1-5: \$1750 (Before June 1<sup>st</sup> = \$1,550)***

***Grades 6-8: \$1800 (Before June 1<sup>st</sup> = \$1,600)***

RHCDS is offering our traditional summer school program as a four-week class for students entering Grades 1 – 8 in the fall.

Academic summer school classes will include:

- 2.5 hours each day of classroom instruction
- Small class sizes with a maximum of 16 students
- Daily lessons in language arts, writing, and math
- Daily recess

## Summer Study Skills for Grades 6 –8

**June 27 – July 22\*: 8:45am – 11:30am**

***\$1800 (Before June 1<sup>st</sup> = \$1,600)***

RHCDS is offering our summer study skills program as a four-week class for students entering Grades 6 - 8 in the fall.

Summer Study Skills will include:

- 2.5 hours of study skills each day focusing on organizational and time management skills. They will focus on memory techniques as well as reading comprehension, problem solving strategies, note taking, and other important skills necessary to be successful in middle school.
- Small class sizes with a maximum of 16 students



**Session #1\*: \$855 (Before June 1st=\$765)**  
**Session #2, #3, or #4: \$950 (Before June 1st= \$850)**

pricing includes lab coat & goggles	Session #1*		Session #2		Session #3		Session #4	
	June 27-July 1	July 5-8*	July 11-15	July 18-22	July 25-29	August 1-5	August 8-12	August 15-19
Morning Session 9:00am-11:30am	<b>Grade 2-3</b> Engineering: Pirate Inventors Chemistry: Ooey Gooley Science		<b>Grade K-1</b> Chemistry: Fizz, Bubble and Pop Space: Exploring the Universe		<b>Grade 2-3</b> Sound: Hum, Squeak, and Buzz Physics: Lights, Camera, Laser		<b>Grade K-1</b> Entomology: Creepy Crawly Critters Superhero Science: Powers, Forces, and Gadgets	
	<b>Grade 4-5</b> Biology: Investigating the Living World Physics: Science in Action		<b>Grade 4-5</b> Marine Biology: Creatures of the Sea Chemistry: Elements of Magic		<b>Grade 4-5</b> Biology: Investigating the Living World Physics: Science in Action		<b>Grade 4-5</b> Marine Biology: Creatures of the Sea Chemistry: Elements of Magic	
Afternoon Session 12:30pm-3:00pm	<b>Grade K-1</b> Planet Earth: Shake, Rattle, and Roll Life Science: Animals		<b>Grade K-1</b> Chemistry: Fizz, Bubble and Pop Space: Exploring the Universe		<b>Grade K-1</b> Physiology: Incredible Human Body Dinosaurs: Jurassic Playground		<b>Grade K-1</b> Entomology: Creepy Crawly Critters Superhero Science: Powers, Forces, and Gadgets	
	<b>Grade 2-3</b> Engineering: Pirate Inventors Chemistry: Ooey Gooley Science		<b>Grade 2-3</b> Aviation Innovation: Take Flight! Paleontology: Digging up the Past		<b>Grade 2-3</b> Sound: Hum, Squeak, and Buzz Physics: Lights, Camera, Laser		<b>Grade 2-3</b> Aviation Innovation: Take Flight! Paleontology: Digging up the Past	

**When you enroll your child in any Experium Science Camp Session you have the option to add on Half Day Camp during that same session so they will have the opportunity to attend a Full Day with us.**

**Please see the "Summer Day Camp Options" page for more information.**

\*Please note: Session #1 is discounted due to the holiday on Monday, July 4th.

# SUMMER COURSE DESCRIPTIONS (Page 1 of 2)



## Grades K-1

### **Planet Earth: Shake, Rattle and Roll \*Fruit roll up, graham cracker, frosting**

Earth science is a fascinating field, encompassing the study of our atmosphere, oceans, volcanoes, gravity, rocks, soil, and everything else that makes this wonderful planet home. In this course, our students will explore these factors in depth. They will learn about erosion and where sand comes from, study rainbows and light refraction, and even learn to differentiate cirrus, cumulus and stratus clouds. Finally, the causes – and devastating effects – of tornadoes, tsunamis, and volcanic eruptions will be investigated.

### **Life Science: Animals \*Dairy and wheat consumed (chocolate chip cookies)**

Students will have an opportunity to explore the animal world in this diverse class! Upon learning the basics of animal classification, students will study major animal groups, such as invertebrates and vertebrates. Students will become fluent in using a microscope and slides. Additionally, students will investigate animal adaptations and habitats. There will be a study of animal fossils and students will create their own fossils in this exciting lab.

### **Chemistry: Fizz, Bubble and Pop \*Dairy and wheat consumed (Ice cream, pudding, lemonade, apple juice, skittles)**

Young scientists watch the physical world transform before their eyes as they explore mixtures, solutions, compounds and elements. First, scientists explore the properties of matter: identifying objects just using their senses, learning that air – while invisible to the eye – actually takes up space, and seeing for themselves that water likes to stick together. Students will learn how chemistry affects their everyday lives as they perform experiments on solubility. By the time they get to chemical reactions, they just might think chemistry is one of the coolest subjects they have ever learned!

### **Space: Exploring the Universe \*Dairy, soy, wheat consumed (Oreos, pudding, ice cream, astronaut ice cream (made in nut facility))**

Blast off into the exciting universe of space exploration! In this fun and challenging hands-on course, students will experiment with the physical properties and laws that control the universe. Students will perform exciting lab activities including: testing flame colors to determine temperature and what elements are being burned, as well as density and gravity experiments. They will learn what planets make up our solar system as well as the differences between comets, meteors and asteroids. After completing this course, students will gaze at the night sky with new wonder and appreciation.

### **Physiology: Incredible Human Body \*Dairy and wheat consumed (saltine crackers and chocolate pudding with milk)**

Students take a look inside the body and learn how things work. By making models of the human heart, students discover how blood circulates from the body to the lungs and back. Students study skeletal muscles by participating in a muscle boot camp, and measure their lung volume while learning about water displacement. We'll test our senses, our reflexes, and learn why we favor one side over the other when it comes to writing or physical activities. We all have one, so let's learn about how incredible our human bodies really are!

### **Dinosaurs: Jurassic Playground \*Fruit roll up**

Students travel back in time to learn about the living things that roamed the Earth millions of years ago. They discover the ages of the dinosaurs, the geologic periods, and learn that not all dinosaur species were alive at the same time. Students explore the different types of dinosaurs and relatives of the dinosaurs, measuring how big (and small!) they could be. They study real dinosaur fossils, create their own fossils and even build their own dinosaur armor!

### **Entomology: Creepy Crawly Critters \*Apple juice**

With over a million species, the study of insects – entomology – is a vast field. Our youngest scientists explore the world of insects by creating models and observing live specimens. Students examine the four metamorphic stages of a butterfly's life cycle and investigate their feeding process. They immerse themselves in the wild and woolly world of bees, studying the hive's social structure, the process by which honey is made, and then use beeswax to create their own lip balm. Other topics include the bioluminescence in fireflies, the function of a ladybug's second set of wings, the incredible structure of a fly's compound eyes, and the creation of the spider's awesome hunting tool – its web!

### **Superhero Science: Powers, Forces and Gadgets**

We may not have been born with mutant powers to fly or been given the power of super strength by a radioactive bug bite, but using the power of our mind and science, we can build our own super powers! In this course, students become like some of the famous superheroes and use science to create their own gadgets and powers, like super strength! They harness the power of magnets to control metals, build a web-slinging device and learn how to trap the forces of weather in a bottle! Some heroes are born super, others have the powers given to them, but superhero scientists make their own.

## Grades 2-3

### **Engineering: Pirate Inventors**

Students explore different fields of engineering when they take on the role of a pirate shipwrecked on an island. The students begin as biological engineers, studying how they can help their eyes adapt quickly to the changing light on their ship. Once shipwrecked, students develop and test many ideas on how they can survive and be rescued. They learn about electrical wiring to create lights and even create their own water filters. Students also study the basic foundations of a bridge, airplane and boat, and they observe how variations in their construction will produce different results – all in their quest to get off the island!

# SUMMER COURSE DESCRIPTIONS (Page 2 of 2)



## Grades 2-3 (Continued)

### **Chemistry: Ooey Goey Science \*bread, butter, ice cream (half & half, heavy whipping cream, sugar, vanilla flavoring)**

In this course, young chemists will explore the composition, structure and properties of matter and the chemical reactions that result when various compounds are introduced – carefully! – to one another. Experiments will include the application of liquid nitrogen to make instantaneous ice cream, spectacular rocket launches using a fuel they concoct themselves, plus the creation of a high-flying “superball” and a non-Newtonian fluid (also known as *slime!*). This lab is truly ooey goey fun!

### **Aviation Innovation: Take Flight!**

Blast off into the exciting world of an aerospace scientist! Students will learn about aerodynamics and the forces that influence flight by investigating three different aircrafts: airplanes, helicopters and rockets. Students will experiment with the physical principles related to flight - such as gravity, lift and drag - and use those skills to construct their own airplanes, helicopters, rockets and parachutes!

### **Paleontology: Digging up the Past \*Pudding, vanilla wafers, cool whip, gummies, oreos**

Students explore the ancient world as paleontologists. They will use critical thinking skills to interpret past events, see how hypotheses change with new information and learn how to date ancient fossils. Students will see how different fossils are created by making their own fossils in the lab using preservation techniques. Students will also identify fossils using dichotomous keys and learn what paleontologists do when they discover new fossils. They will also get to perform a fossil excavation (and keep their fossils) and even try to reassemble a skeleton!

### **Sound: Hum, Squeak and Buzz**

The simple act of hearing is the result of an intricate dance between the source of the sound, the medium through which the sound wave travels, and the very complex mechanisms within our ears and brains that transform it into what we perceive as a “sound.” In this course, students will discover that seemingly invisible sound waves are actually both visible and measurable and learn that you can “see with sound” using echolocation and the Doppler Effect. The young scientists will create and test a variety of musical instruments as they explore the musical world of sound.

### **Physics: Lights, Camera, Laser**

Students explore the illuminating world of light beginning with learning that “white light” is made of many colors, then seeing how a prism works to cause light to reveal its full spectrum of colors. In their ongoing study, students learn the difference between reflection and refraction, bend light with concave and convex lenses, examine the properties of the eye by dissecting a cow’s eye, take vision tests and discover why we have “blind spots.” They also examine the practical applications of light by using lasers, observing animals that produce their own light and learning why a self-made “pinhole camera” displays an inverted image.

## Grades 4-5

### **Biology: Investigating the Living World \*saltine crackers**

This introductory course gives students an excellent knowledge base from which to pursue the many branches of the science of biology. In their study of life and living organisms, students first determine the basic characteristics of living objects and observe them microscopically. As they delve deeper, they study our incredibly powerful “engine”, our heart, and learn to identify its parts, understand its functions, and employ a stethoscope and heart rate monitor to interpret how physical activity alters heart rate. They then study blood types and fingerprints as part of a “murder mystery.” Students come to understand the anatomy of the brain and get to see a dissected cow brain. Other areas of study include the role of enzymes in our bodies and some fun experiments with botany!

### **Physics: Science in Action**

How do planes fly? What makes a great boat or race car? Are the rules on planet Earth the same everywhere in the universe? In this course, students will experiment with forces and pressure, learn how to make water flip upside down without spilling and even blast objects into space. Students build, prod, and explore each lab the fundamental laws that govern how the world works.

### **Marine Biology: Creatures of the Sea**

Because the ocean covers over 70% of our planet, it is no surprise that the majority of all species on Earth call it home. In this course, students explore the complex world that exists under the sea, learning about marine habitats as well as the plants, animals and protists that inhabit our oceans. Students will be introduced to classification and, by the end of the course, will have explored all the major phylum of the animal kingdom and their defining characteristics. In this course, there are **hands-on dissections in every class**. Students will have the opportunity to dissect a sea sponge, worm, squid, sea anemone, sea star, crayfish, perch and shark... so sharpen your scalpel and get ready!

### **Chemistry: Elements of Magic \*ice cream (half and half, heavy whipping cream, sugar, vanilla flavoring)**

In this lab course, students learn about the core concepts of chemistry including light, electricity, and chemical reactions, then conduct experiments using that knowledge. Experiments include discovering how fireworks are made and creating their own sparklers, using the colligative property of freezing point depression to make their own ice cream, learning the properties of gases and why oxygen is needed to start a fire, and experimenting with different types of pressure. When our students find out that chemistry is an integral part of some of their favorite things – like fireworks, ice cream, and campfires – learning suddenly becomes fun!

# SUMMER DAY CAMP OPTIONS

**Session #1: June 27 – July 8\***

**Session #2: July 11 – July 22**

**Session #3: July 25 – August 5**

**Session #4: August 8 – August 19**

**\*Please note: There will be no summer programs on Monday, July 4<sup>th</sup> due to the holiday.**

RHCDS is offering our fun-filled Day Camp program for children ages 4 ½ - 13. Please note: Our youngest campers must have turned 4 by January 1, 2022, and our oldest campers are entering Grade 8 in the Fall. These two-week sessions are designed to get children outside and socializing with friends with a variety of hands on, fun activities.

The camp portion will be run by our summer camp counselors

- Daily Pool time: group swim lessons in the morning and free swim in the afternoon
- Sports activities
- Arts & crafts projects
- Nature classes
- Dance & Movement classes
- Imagination & Creation classes
- Group socialization and games
- Weekly Themes & Shows
- Popsicle Pow-Wow at the end of everyday

## FULL DAY CAMP

**8:15am – 3:00pm**

***Session #1: \$990 (Before June 1<sup>st</sup> = \$900)***

***Session #2, #3, or #4: \$1,100 (Before June 1<sup>st</sup> = \$1,000)***

Full Day Camp is ONLY available this summer in two-week sessions. Unfortunately, this summer we are unable to offer our flexible day by day options or prorate the cost of a two-week session.

## HALF DAY CAMP

**\*ONLY available for those enrolled in our Academic or Experium Science Programs**

**8:15am – 12:30pm OR 11:30am – 3:00pm**

***Session #1: \$405 (Before June 1<sup>st</sup> = \$360)***

***Session #2, #3, or #4: \$450 (Before June 1<sup>st</sup> = \$400)***

Half Day Camp is optional but may be added onto the same session(s) that your child is attending our half day Academic Program or Experium Science Program(s). The Half Day Camp is offered in 2-week blocks and has been designed to allow your child to stay with us a Full Day and enjoy the same activities our Full Day Campers do. Please note: Half day campers only have time for 1 swim session each day so whether they attend in the morning or afternoon will determine whether they receive group swim lessons or free swim.

## EXTENDED PROGRAMS

- **Morning Extended Care will be available starting at 7:30am** until your child's summer program begins for an additional cost of \$12/day.
- **Afternoon Extended Care begins at 3:00pm and concludes at 6:00pm.** All campers not picked up by 3:05pm will automatically get checked into extended care but will not be charged unless they are picked up after 3:45pm. There is a charge of \$12/hour or any portion of the hour. You will be billed at the end of summer for all accrued charges.
- **Swim Camp** is a small group lesson (3-5 children/group) from 3:30-4:30pm every day:  
Session #1= \$360 (Before June 1<sup>st</sup>=\$325)  
Session #2 - #4= \$400/session (Before June 1<sup>st</sup>= \$360)
- **Art Camp** offers additional arts & crafts projects & is available every day from 3:30-4:30pm:  
Session #1= \$335 (Before June 1<sup>st</sup>=\$305)  
Session #2 - #4=\$375/session (Before June 1<sup>st</sup>= \$335)
- **Private Swim Lessons** may be offered this summer, but registration will be delayed. If they are available, they will likely be scheduled Monday – Friday from 4:30-6:00pm. Details TBD.

## ONLINE REGISTRATION

RHCDS will open **priority registration to RHCDS school year families or applicants on Monday, March 21<sup>st</sup> or March 28<sup>th</sup> at 8am.** Online registration will open to the public on **Monday, April 11<sup>th</sup> at 8am.** I expect our summer programs to fill very quickly on April 11<sup>th</sup> so this [online registration tutorial video](#) was created last summer to walk you through the online registration process.

I highly recommend **"pre-registering/creating your account"** so you are ready to enroll when registration opens. If you already have an account created from a previous summer, please [login](#) to verify that all your family information and camper information is correct. The enrollment options are offered by grade so if your child's grade for the Fall of 2022 is not correct in the system you will be unable to register for the appropriate program until I make the adjustment for you on my end.

Please note: If you are a current RHCDS family or your child was accepted to RHCDS for the fall, and you did not receive a passcode in your email with details on how to register please reach out to me so that you can take advantage of priority registration on either March 21<sup>st</sup> or March 28<sup>th</sup>.

## PAYMENT INFORMATION

**A 25% deposit is required to submit your enrollment request and will be charged to your credit card.** If you prefer to pay the 25% deposit with cash or check please reach out to me in advance so that I can process your registration differently.

**The final 75% remaining balance is due by Friday, June 3, 2022, and can only be paid by cash or check.** You will receive an emailed invoice with instructions on how to pay the balance with cash or check. Anyone who does not have their balance paid in full by Friday, June 3, 2022, may lose their space in our summer program.

**Please note: Families who register before June 1, 2022, will receive a discounted rate on all summer programs they register for. After June 1st the "early bird discount" will not be available for any additional enrollments.**

