

# Super Science Camps

Get your budding scientists ready for exploring, discovering, and learning fun! We have programs to satisfy the most curious of minds and bring out the scientist in your child! Whether they are curious about robotics, enjoy solving mysteries or want to explore infinity and beyond, we have a class that will satisfy them!

All classes meet Monday—Friday 9:00—12:00

\$80 ECSC Members      \$90 ECSC Non-Members.

## Junior Scientist Academies

### Ages 6—8

#### **June 14—18 Mysteries of Outer Space (code JS-1)**

Explore the solar system and discover the planets, from tiny Mercury to gigantic Jupiter. We'll build rockets and shoot them into the sky and create models of satellites. Learn about constellations as you make your own with glow-in-the-dark paint and beads. We'll visit Mars and the Moon using lessons designed by NASA.



#### **June 21—25 Science Center Greatest Hits (Code JS-2)**

We've got a week full of the best science activities the Emerald Coast Science Center has to offer. Your young scientist will get creative with chemistry, stimulate their senses, dig for dinosaurs and so much more.

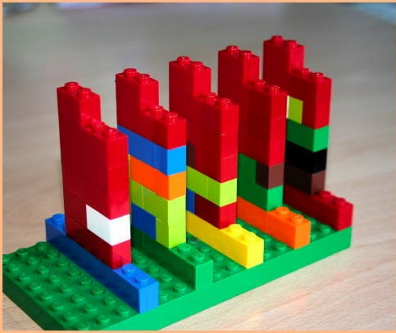
#### **June 28—July 2 The Nature Academy (Code JS-3)**

Build a back yard birdhouse, dissect an owl pellet, explore organisms found in the Santa Rosa Sound and learn about insects! Young scientists will learn how to use a microscope to look at the tiny life forms that our eyes can't see.



## **July 12–16 Days of the Dinosaurs (Code JS-4)**

How big was Argentinosaurus? What did Spinosaurus eat? What was the first dinosaur ever discovered? What is a fossil? These are just some of the questions that will be answered as we discover the world of dinosaurs. We will even go on a dinosaur hunt and make dinosaur fossils!



## **July 19-23 Lego Engineering for Beginners (Code JS-5)**

This class will teach you the basics in engineering and building using LEGOS. Learn about simple machines and how placing LEGO bricks in certain patterns make your structures stronger. We will also explore gears and how they can make machines move.

## **July 26–30 Sea Science Adventures (Code JS-6)**

You will examine the ocean world and all its wonders using the Santa Rosa Sound and other organisms from the gulf. Activities include collection of live animals using nets and beachcombing, examining preserved ocean specimen, learning to use a microscope, as well as many other fun ocean-related games and crafts.



# Intermediate Scientist Academies

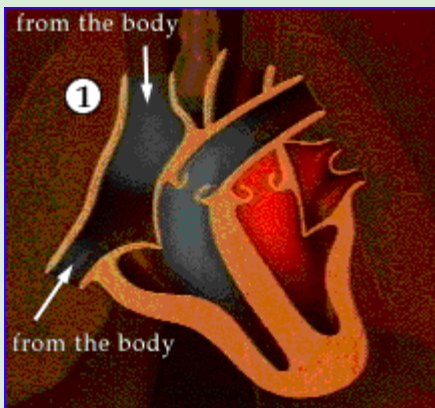
Ages 9-11

## June 14–18 (9:00–12:00) The Big Dig (Code IS-1)

Come join us as we learn how to uncover the past. You'll learn techniques that archaeologists use for safely handling artifacts as well as the science used to learn about these finds. Come get down and dirty with this exciting new class.



## June 21–25 (9:00–12:00) Inside Our Body (Code IS-2)



Learn all about what's really inside your body and how it works. You'll use microscopes, create models, and much more. If you ever thought about being a doctor, nurse or veterinarian this program is for you because, you'll head "straight to the heart" of the matter by actually dissecting other animals.

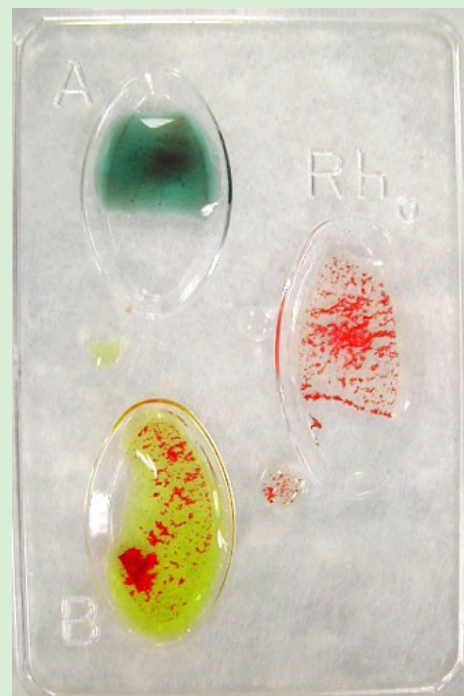
## June 21-25 (1:00–4:00) Creepers of the Deep (Code IS-3)

Some scientists say that we know less about the ocean floor than the surface of the moon. We plan to uncover many mysteries of the deep as we study the creatures, geology, and special locations that exists miles below the ocean's surface. We'll also dive into some local marine science and check out the water quality of and what resides in our own Santa Rosa Sound.



## **June 28—July 2 (9:00 –12:00) Crime Scene Investigators (Code IS-4)**

One of our most popular classes year in, year out is back and better than ever. You'll learn how to diagram a crime scene and identify and tag pieces of evidence. We'll stick it to the criminals as we learn how the process of (simulated) blood typing. Each day will have a new puzzle that you will solve with the techniques of a CSI.



## **July 12-16 (9:00-12:00) Science Center Greatest Hits Volume II (Code IS-5)**

Stand back and get ready for some really cool experiments. Each day you'll tackle a new topic including chemistry, physics, earth science, life science, and environmental science. This will be a week of discovery!

## **July 12-16 (1:00—4:00) Stained Glass Science (Code IS-6)**

Back by popular demand! Get your creative juices flowing as you learn about animals and make stained glass art of the animals at the same time. By the end of the week you will have a masterpiece to bring home and display with pride, plus you'll have learned something too.



# Legos, Legos, Legos

## **July 19-23 (9:00-12:00) Lego Robotics for Beginners (Code IS-7)**

Let's get those LEGOS moving. Come learn how to build a LEGO Mindstorm robot and learn how to program it. In this fun filled class your team will design a Mindstorm robot and program it to navigate an obstacle course. In the end, you will compete with the other teams to see whose robot reigns.

## **July 19-23 (1:00—4:00) Lego Construction (code IS-8)**

Create structures and learn about engineering in a fun and hands on way. This class will teach you about simple machines and the basics of engineering. Using LEGOS you will plan and build different types of structures and learn the engineering principles behind how to make them structurally sound. Part of our building experience will be creating an obstacle course for the LEGO robot to navigate. While there is a similarly titled class for the Junior Scientists, this class is geared up for the Intermediate Scientist.

## **July 26-July 30 (9:00—12:00) Advanced Lego Robotics (Code IS-9)**

In this advanced class you will learn even more about programming and robotics using LEGO Mindstorm technology. Using the constructed obstacle course from the construction course you will program and compete to see whose robot can navigate the best. This class is designed for Intermediate Scientists who have taken our Lego Robotics for Beginners class either last summer or this summer or who have experience with Lego Mindstorm robots.

## Senior Scientist Academy

Ages 12-14

## **July 26-30 (1:00-4:00) Lego Robotics for Middle School Students**

**(code SS)**

A new faster-paced class designed specifically for middle school students who have an interest in robotics. Experience not required, but enthusiasm is!

## **HOW TO REGISTER**

Please complete a separate registration form for each student. Registration may be done in person, online, over the phone, or you may mail completed registration form(s) to the Emerald Coast Science Center. Summer enrollment is on a first-come, first serve basis. Payment is due in full at time of registration. We accept Visa, Master Card, check, cash or money orders. Please make checks payable to the Emerald Coast Science Center.

Emerald Coast Science Center  
139 Brooks Street, Fort Walton Beach, Fl. 32548  
Phone: 850-664-1261  
Fax 850-664-6862

## **REGISTRATION DEADLINE**

The ECSC must receive a completed registration form and full payment by 4:00 PM on the Friday before the class.

## **CONFIRMATION**

All applications will receive a confirmation letter upon receipt of completed registration form and payment.

## **CANCELLATIONS AND REFUNDS**

The Emerald Coast Science Center reserves the right to combine and cancel classes. Each class has a minimum and maximum enrollment. In the event of a museum cancellation, program fees will be returned in full. In the event of a participant cancellation, each program is held to a 25% cancellation fee. Cancellations **MUST** be made in writing (e-mail, fax accepted). Registrations are non-transferable.

## **DROP OFF AND PICK UP**

No children are to be left unattended at the museum. Children may be dropped off **NO MORE THAN 15 MINUTES PRIOR TO THE START OF THE PROGRAM AND MUST BE PICKED UP WITHIN 15 MINUTES OF THE END OF THE PROGRAM.**

**For more information please call 850-664-1261**

# REGISTRATION FORM

Name of Participant \_\_\_\_\_

Boy \_\_\_\_ Girl \_\_\_\_ Grade (Fall 2010) \_\_\_\_\_ Age \_\_\_\_\_

Parent(s): \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Email: \_\_\_\_\_

Emergency contact \_\_\_\_\_ Phone Number \_\_\_\_\_

Enrollment Information: Are you an ECSC Member? Yes \_\_\_\_ # \_\_\_\_\_ No \_\_\_\_

## **Program(s) attending:**

Academy Name: \_\_\_\_\_ Class code: \_\_\_\_\_

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Academy Name: \_\_\_\_\_ Class code: \_\_\_\_\_

**Payment Method:** Cash      Check      Credit Card: Visa / Mastercard

Card Number \_\_\_\_\_ Exp \_\_\_\_\_

**Cost:** \$80 members / \$90 non-members (\$5.00 off for each additional camp per child)

Total Enclosed/ to charge : \$ \_\_\_\_\_

**PICK UP LIST** The ECSC staff will not permit students to leave with individuals not on their list.

Name \_\_\_\_\_ Relationship \_\_\_\_\_

Name \_\_\_\_\_ Relationship \_\_\_\_\_

Name \_\_\_\_\_ Relationship \_\_\_\_\_

## **MEDICAL INFORMATION**

List any medications, when they are taken and for what condition:

\_\_\_\_\_

List all allergies to food, insects or medications and the severity:

\_\_\_\_\_

\_\_\_\_\_