

Watershed Ecology Center Super Scientific Saturday Club 2009-2010

- ❖ Location: Watershed Ecology Center at USC Upstate
- ❖ Cost: \$45
- ❖ Group One : Ages 5 to 8 - 9:00-10:00 am
- ❖ Group Two: Ages 9 to 12 - 10:00-11:00 am

September 5 ~ ASI:Spartanburg - Animal Scene Investigation

We will begin by learning about different types of evidence animals leave behind. We will look at how 2 different animals from our center leave very different tracks and learn how to make plaster cast of animal prints.

October 17 ~ Ahhhhh-Choo!!

As the weather starts to cool down it seems like more people sneeze and cough. We will discover how common germs are spread (and hopefully how not to spread them), and which germs make us sick and why. After a fun experiment showing how it is almost impossible not to spread germs on our hands without washing them we will investigate what germs live on common surfaces.

November 14 ~ Fingerprint Forensics

We will learn interesting facts and the science behind our fingerprints including how they are used to solve crimes and whether or not relatives have similar fingerprints. Of course we will spend plenty of time investigating our own fingerprints and even make a fun craft using our unique print!

January 16 ~ Awesome Aerodynamics

How does the shape of an object affect its speed? How do airplanes stay in the sky? How do parachutes work? Do bigger parachutes work better? We will answer all these questions and then have fun making parachutes and paper airplanes.

February 13 ~ Fossil Fun

We will look at what fossils are and how they are formed. After spending time examining several fossils we will sift through sand to find our own fossil to take home.

March 13 ~ Miracle Grow or Miracle NO

How do plant fertilizers work and in what ways do they impact our ecosystem. Also, we will learn all about the scientific method by starting a "take home" science experiment.

April 10 ~ Meteorology Mania

What exactly does a meteorologist do when they are not reporting the weather? We will find out why we have severe weather, how severe weather can cause so much damage and how to stay safe during severe weather. Everyone will make a tornado bottle to take home.

May 8 ~ Optical Illusions and Floating Objects

Group One will learn why certain objects float in water while others do not. We will have fun and may even get a little wet as we experiment with the density of objects.

Group Two will learn about the history and science behind optical illusions. Everyone will bring home a few optical illusions to amaze their families.

***Please fill out and mail the attached registration form as soon as possible and no later than August 28. Each group is limited to 12 students. For questions please email acampbell@uscupstate.edu or call 503-5728.

**Watershed Ecology Center
Super Scientific Saturday Club
2009-2010**

Registration Form

Please complete & mail to: Watershed Ecology Center
Attn: Athena Campbell
USC Upstate
800 University Way
Spartanburg SC 29303

Enclose a check for \$45 made payable to: Watershed Ecology Center

Child's Name: _____ Date of Birth _____

Parent/Gaurdian _____

Address: _____

Phone Numbers: _____

Email: _____

Best way to contact you with reminders, ect.: Phone or Email

Please list any allergies or other concerns that instructors would need to be aware of.