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REGISTRATION  
2016 4-H SCIENCE SATURDAYS WORKSHOP SERIES



Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

The following information is for recordkeeping purposes only.

Birth date: \_\_\_\_\_ Age: \_\_\_\_\_ Grade Completed June 2016: \_\_\_\_\_

Sex: \_\_\_ Female \_\_\_ Male Hispanic: \_\_\_ Yes \_\_\_ No

Please circle child's race(s): Asian Black Hawaiian/Pacific Islander Native American White Other

Are you a 4-H'er? \_\_\_ Yes \_\_\_ No If yes, Club Name: \_\_\_\_\_

Circle where you live: Farm Rural Town Suburb City

\_\_\_\_\_ I authorize the University of Delaware Cooperative Extension to record and photograph my image and/or voice for use in research, educational, and promotional programs.

Please check the workshop(s) for which you are registering.

April 2, 2016

\_\_\_\_\_ "Treasure Hunt!" Geocaching Workshop, ages 8-12  
9am-12noon, White Clay Creek State Park (880 New London Road entrance)

May 7, 2016

\_\_\_\_\_ "Soil Rainbow" Agriculture and Soil Science Workshop, ages 8-12  
9am-12noon, NCC Cooperative Extension Office

September 3, 2016

\_\_\_\_\_ "Be a Citizen Scientist!" Entomology and Habitat Conservation Workshop, ages 8-12  
9am-12noon, Lums Pond State Park

October 1, 2016

\_\_\_\_\_ "Build It, Don't Break It!" Engineering Workshop, ages 8-12  
9am-12noon, NCC Cooperative Extension Office

November 5, 2016

\_\_\_\_\_ "Chick It Out" Animal Science Workshop, ages 8-12  
9am-12noon, Fischer Greenhouse

December 3, 2016

\_\_\_\_\_ "The Science of Investigation" Biotechnology and Forensics Workshop, ages 8-12  
9am-12noon, Delaware Biotechnology Institute

The cost of each workshop is \$10.00.

Forms and payment should be mailed to:

Checks made payable to the **University of Delaware**.

Cooperative Extension Office  
4-H Science Saturdays  
461 Wyoming Road  
Newark, DE 19716

*\*Registration is due one week prior to each workshop, and participants must complete a health form prior to participation.*

Parent Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_



Cooperative Extension  
COLLEGE OF AGRICULTURE &  
NATURAL RESOURCES



**REGISTRATION**  
**2016 4-H SCIENCE SATURDAYS WORKSHOP SERIES**



<p align="center"><b>“Treasure Hunt”</b>          Geocaching  <b>April 2, 9am-12noon</b></p> <p><b>Ages:</b> 8-12 years old  <b>Location:</b> White Clay Creek State Park          (880 New London Road - Parking is free for participants)  <b>Cost:</b> \$10.00</p> <p>Workshop participants will learn the fundamentals of GPS units and geocaching. Then we will have a geocaching treasure hunt in which they use GPS units to find where “X marks the spot.” Finally, participants will have the opportunity to make and mark caches to use in their own scavenger hunt.</p> <p align="center"><b>30 attendees maximum.</b></p>	<p align="center"><b>“Soil Rainbow”</b>          Entomology and Habitat Conservation  <b>May 7, 9am-12noon</b></p> <p><b>Ages:</b> 8-12 years old  <b>Location:</b> NCC Cooperative Extension Office  <b>Cost:</b> \$10.00</p> <p>Is soil just brown? No, it's many different colors! In the Soil Rainbow workshop, you will learn about the various colors of soil, how soils get their colors, and how soil scientists determine soil color. Participants will get to collect samples “in the field” and use the same techniques as soil scientists to identify soil properties. You will get to create a soil profile art project using sand and make (and eat) “dirt pudding” soil profiles.</p> <p align="center"><b>30 attendees maximum.</b></p>
<p align="center"><b>“Be a Citizen Scientist!”</b>          Entomology and Habitat Conservation  <b>September 3, 9am-12noon</b></p> <p><b>Ages:</b> 8-12 years old  <b>Location:</b> Lums Pond State Park (Parking is free for participants)  <b>Cost:</b> \$10.00</p> <p>Workshop participants will get to explore butterfly habitat at Lums Pond State Park and become citizen scientists through butterfly surveying and data collection. Participants will also be actively involved in saving monarchs by transplanting milkweeds take home and support their own monarch habitat.</p> <p align="center"><b>30 attendees maximum.</b></p>	<p align="center"><b>“Build It, Don’t Break It!”</b>          Engineering  <b>October 1, 9am-12noon</b></p> <p><b>Ages:</b> 8-12 years old  <b>Location:</b> NCC Cooperative Extension Office  <b>Cost:</b> \$10.00</p> <p>Use teamwork and creativity to build a variety of structures that must withstand various tests of strength and stability. Your group’s final structure will be designed to protect an egg that’s dropped from greater than 10 ft. above the ground. You will have to build it to prevent from breaking it!</p> <p align="center"><b>30 attendees maximum.</b></p>
<p align="center"><b>“Chick It Out”</b>          Animal Science  <b>November 5, 9am-12noon</b></p> <p><b>Ages:</b> 8-12 years old  <b>Location:</b> Fischer Greenhouse  <b>Cost:</b> \$10.00</p> <p>During this informative and engaging workshop, participants will gain hands-on experience in poultry science through incubation and embryology projects such as candling experiments. You will even have the opportunity to see some chicks hatch!</p> <p align="center"><b>30 attendees maximum.</b></p>	<p align="center"><b>“The Science of Investigation”</b>          Biotechnology and Forensics  <b>December 3, 9am-12noon</b></p> <p><b>Ages:</b> 8-12 years old  <b>Location:</b> Delaware Biotechnology Institute  <b>Cost:</b> \$10.00</p> <p>Workshop participants will get a tour of the Delaware Biotechnology Institute and enjoy learning about their state-of-the-art facility. Participants will also get to conduct a forensics experiment to determine “who-done-it”!</p> <p align="center"><b>30 attendees maximum.</b></p>

