



MADDEN SUMMER SCIENCE AND EXPLORATION CAMPS

SUMMER 2009 SCHEDULE

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| July 6 - 10 | THE CURIOSITY CLUB I Ages 4-6 | SCIENCE 1 Ages 7-10 | WILD ABOUT WILDLIFE Ages 10-12 |
| July 13 - 17 | THE CURIOSITY CLUB II Ages 4-6 | SCIENCE 2 Ages 7-10 | NATURALIST IN TRAINING Ages 11-16 |
| July 20 - 24 | THE CURIOSITY CLUB III Ages 4-6 | MISSION MADDEN Ages 7-10 | ECO ENGINEERS Ages 11-13 |
| July 27 - 31 | THE CURIOSITY CLUB IV Ages 4-6 | NATIVE NATURALIST Ages 7-10 | ADVENTURE WEEK 1 Ages 11-16 |
| August 3 - 7 | THE CURIOSITY CLUB V Ages 4-6 | THE BIG BANG Ages 7-10 | ADVENTURE WEEK 2 Ages 11-16 |

All sessions are 9 am - 3 pm
Camp descriptions are on the next page.

Before and After Care

7:45 - 9 am only weekly: \$50 for one child, \$25 for each additional child
3 - 5 pm only weekly: \$50 for one child, \$25 for each additional child
7:45 - 9 am and 3 - 5 pm weekly: \$75 for one child, \$50 for each additional child

Our camps are run by our staff of professional educators

Registration deadline is June 13, 2009

Camp Fee Discount Policy: There is a 5% discount for multiple children in the same week and/or for the same child taking more than one camp throughout the summer.

For more information about our camps, contact Rachel at: summercamp@pnwboces.org

On-line registration will be available in late January. If you are interested in registering for a camp session, email Rachel at the email address above and we will send you the on-line registration instructions.

CREDIT CARDS ARE NOW ACCEPTED!



Cancellation Policy: A full refund will be given if you cancel up to one month prior to the first day of your camp. After that a 50% refund will be given if you cancel up to 10 days in advance of the first day of your camp. No refund will be given if you cancel less than 10 days.



Madden is a 120-acre outdoor and environmental center located in Kent Cliffs, NY. It is operated by Putnam Northern Westchester BOCES Center for Environmental Education. During the school year, students throughout the Putnam/Northern Westchester region have been participating in programs at Madden since 1979.



The Curiosity Club

Ages 4 - 6 Maximum: 12

Price: \$200

Sessions: July 6 - 10, July 13 - 17, July 20 - 24, July 27 - 31, August 3 - 7

Do you have a child who can't get enough of the Nature Channel or loves to read everything about nature? In this camp designed especially for younger children, participants will learn how a deer can hear so well, how insects can see us coming, why the weather is different every day, and how a tree can grow so tall. This interactive close-up look at nature is full of fun, games, art, crafts and experiments that every child will love!

Young Scientists Outdoor Exploration Camps

Ages 7-10 Maximum: 24

Price: \$275 (include Thursday night dinner) OR \$300/with optional Thursday overnight

Session I: July 6 - 10, 9 am - 3 pm Session II: July 13 - 17

Spend a week with us exploring the forests, fields, and wetlands around Madden while testing your skills as a science sleuth! Practice using the scientific method while designing your own experiments with chemistry, pond studies, and other natural processes. Thursday is an extended day with dinner included. For those who choose, there is an optional overnight full of night games, investigations, and a campfire! Friday we'll cook using energy from the sun, and throw a party for the whole family. **Attend one session or both! Activities vary by week.**

Wild About Wildlife Camp

Ages 10-12 Maximum: 24

Price: \$315 Session: July 6 - 10

Spend the week getting to know the wildlife of New York State. You'll get up close and personal with Madden's collection of live reptiles and birds of prey, track and research wildlife at Madden and meet a true falconer and even get a chance to step into the gloves of a falconer. You'll even create your own terrarium to take home! If you love animals, then this is the camp for you.

Naturalist in Training

Ages 11-16 Maximum: 24

Price: \$280 Session: July 13 - 17

Perfect for the amateur naturalist, science enthusiast and teenagers interested in future CIT positions! This is your chance to get elbow deep into the natural world, working with our professional naturalists! Using scientific equipment, hands-on experiments and field studies, you will investigate the secret lives of the flora and fauna around us. You will also have a chance to work with Madden's animal ambassadors: our honey bees, reptiles, birds and mammals! At the end of the week, those campers who wish will be able to play the role of naturalist with other campers from our other camps.

Mission Madden

Ages 7-10 Maximum: 24

Price: \$260 Session: July 20 - 24

You've just discovered a strange new planet named Madden and you are surrounded by mysterious plants. How do you know which plants are good for people and which ones are not? You are the herbologist and your job during this one-week mission is to learn the secrets of these plants. We will explore Mother Nature's storehouses to learn how these strange plants grow, and how to mix them to make yummy treats and surprises. We will unlock the secrets of aloe, onion, ginger and many more herbs that many have incredible healing powers. We will hunt for plants we can eat in the wild and build our own solar ovens. This week will use all of your senses to explore, learn and create.

Eco Engineers

Ages 10-13 Maximum: 24

Price: \$350 Session: July 20-24

Are you fascinated by the creepy crawly critters most people love to hate? Then this camp is for you! Part scavenger hunt, part art studio and part science lab, and lots of fun, this camp will have you looking at nature the way engineers and scientists do when they imitate nature to solve human problems and make the products we buy. This is called biomimicry and many jobs that lie ahead in your future will involve this process. Together with a biomimicry educator, you will spend time outdoors observing, and then using some of the lessons you learned to become a designer and inventor. The camp will combine drawing and design, problem-solving and a method of inquiry that appeals to the mad scientist in us all! (Back by popular demand with new components and themes!)

Native Naturalist

Ages 7-10 Maximum: 24

Price: \$260 Session: July 27 - 31

Become a true keeper of the Earth by learning the ways of the Native American people. Throughout the week we will be building an authentic wigwam! Through songs, stories, games, crafts, fire building, shelter building, traditional foods, and history, you will learn about the cycles of life and come to understand the true value of the Earth as our native naturalists saw it.

Adventure Week Camp I

Ages 11-16 Maximum: 24

Price: \$325 (Includes Thursday - Friday overnight) Session: July 27 - 31

This week you'll escape into the woods! We'll build campfires, cook outside, track wildlife, discover edible plants, learn to treat medical emergencies, and develop other survival skills. On Thursday, we'll trek the Appalachian Trail on an overnight backpacking trip, where we will use all the skills we have learned and return to Madden on Friday.

The Big Bang

Ages 7-10 Maximum: 24

Price: \$265

Session: August 3 - 7

Do you dream about making fizzy concoctions or creating rockets powered by chemistry? Do you like to see things go bang? This camp is perfect for the mad scientist in all of us! Create fizzy bath bombs, see what happens when sodium and water meet, and create your very own ooze. See the many ways science truly pops! Through safe, exciting, and educational experiments, campers will learn how chemistry works. Come join us and have a blast!

Adventure Week Camp II

Ages 11-16 Maximum: 24

Price: \$350

Session: August 3 - 7 (Includes Wednesday - Friday overnight)

Looking for more adventure? Adventure Week 2 is for campers who participated in Adventure 1, and anyone else who would like to learn more advanced outdoor skills. In this camp, we will go more in depth about navigation, reading maps, orienteering, cooking over a campfire, tracking wildlife, wild edibles, treating medical emergencies, building shelters and other individual and group survival skills. On Wednesday, we will head north on the Appalachian trail and spend two nights out on the trail trying out some of our newly learned skills.