

# Nature & Science



## Family STEM Night- Catapults! (Engineering)

#30806205

All Ages+ Parent

We all know what a catapult does, but how would you like to learn about the trebuchet as well?! During this hour and a half program we will explore catapults and the interesting trebuchet. You can create big or small, or whatever your imagination desires! Test out your engineering skills and take your catapult home! (We will provide small objects to launch from your catapult/trebuchet). Thanks to NRG for their generous support!

BRC FR 6/9 5:30-7pm Reg by 6/5 FREE -1A

## Family STEM Night-Recycled Robots (Science/Engineering)

#30806205

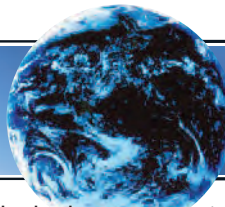
All Ages+ Parent

Bring in any recycled materials you may have laying around the house to create your very own recycled robot! Conservation and recycling is an important responsibility and by using recycled materials we can reduce the amount of waste in our city dumps! Show off your creativity and ingenuity and build us your best robot!

\*Some supplies will be made available, but it is expected that participants bring own materials.-Start collecting today! Thanks to NRG for their generous support!

BRC FR 6/23 6-7pm Reg by 6/19 FREE -1B

# FOR EARTH'S SAKE



The Waukegan Park District believes that children who develop an early appreciation for nature are inspired to be the next generation of environmental stewards. The district is also committed to helping bring the youth of our community back OUTSIDE to enjoy nature through its NO CHILD LEFT INSIDE initiative.

Instructors with Greentown Urban Farming are offering gardening classes with the Park District. Won't you join us indoors as we take to the outdoors to learn and play in nature? Call Jack Benny Center for the Arts 847-360-4740 to reserve your spot! Most of these classes are geared towards adults but children are welcome to attend as well – children must be accompanied by an adult.

## Seeds and Seedlings #30801411

Ages 10+

A good harvest begins with seeds and careful seedling care. Join us for an informative, hands-on and fun workshop under the spring sun! We will examine the hows and whys on seed germination, watering needs, temperature requirements, and a brief intro to soil amendments and soil health. This class can serve as a proper introduction to anyone interested in the world of gardening and vegetable farming! Help us get the growing season started! Bring your own garden gloves.

HPC SA 5/20 3-5pm Reg by 5/13 FREE -1A  
HPC SU 5/28 3-5pm Reg by 5/21 FREE -2A

## Greens 101 #30801412

Ages 10+

Know your garden greens, featuring kale, chard, lettuce, spinach, and many more! We will learn about their history growing needs, life stages, harvest times, culinary uses, and nutrition. Garden greens are some of the easiest and most vitamin-rich plants to grow, once you know how; empower yourself with the knowledge to grow your own nutritious food, right at home! Bring your own garden gloves.

HPC SA 6/10 3-5pm Reg by 6/3 FREE -1A  
HPC SU 6/25 3-5pm Reg by 6/18 FREE -2A

## New! Companion Plants & Herbs #30801414

Ages 10+

There are many beneficial plants you can place around the garden other than vegetables! This class will focus on the usage and benefits of a variety of herbs and flowers when planted alongside veggies. Learn how through the use of companion planting you can stimulate the growth and production of your plants, enhance flavors, deter pests, and transform your garden into a diverse and beautiful ecosystem! Bring your own garden gloves.

HPC SU 7/9 3-5pm Reg by 7/1 FREE -1A



## Lake County Nature Network

The Waukegan Park District supports The Lake County Nature Network. The Lake County Nature Network (LCNN) is a collaborative effort to better connect Lake County's Latino and African American communities to nature-based learning, science, recreation and stewardship activities within Lake County. Like us on Facebook!

## ECO-EXPLORERS #30803201

Age 6-12

Children love being real explorers and getting to know nature's secrets. Come adventure into our back yard to learn and explore the natural environment through games, craft projects, and nature-based activities. Enjoy seven weeks of programming with a different theme each night. Come to one or to all the classes. Each program attended will result in an Eco-Explorer certificate of learning. Insect repellent is advised. Parents are welcome to come along and be involved. Pre-registration is required for all classes. Discount provided if registering for all seven classes and applied to the last two nights of the program. \*\$25 for all seven class. Five programs must be paid in full for discount to be applied. Registration must be made in person to receive program discount. Through the support of NRG Energy, these programs are offered at a reduced fee.

### Experimentation

Enjoy three fun science experiments for kids that feature awesome hands-on projects and activities that help bring the exciting world of science to life. Blowing Up Balloons With CO<sub>2</sub>, Steel Wool & Vinegar Reaction, and Battery Electromagnets will be completed.

JAC TH 6/15 6-7pm Reg by 6/12 \$5/\$7 -1A

### Clean Water Science!

Learn about how water is cleaned in order for us to drink it! We will use a kit to help us clean our own water, and learn just how lucky we are to have fresh, accessible and clean water for daily consumption and use!

JAC TH 6/22 6-7pm Reg by 6/19 \$5/\$7 -2A

### Adventures in Science

Your child will be introduced to three scientific concepts, and will get messy learning how to apply each concept in a different experiment! The different concepts will include topics such as: Evolution, Energy, and Space and Time!

JAC TH 6/29 6-7pm Reg by 6/26 \$5/\$7 -3A

### Ocean Exploration!

Join us in learning about the great oceans of the world. During your time with us you will learn about ocean animals, coral reefs, and even make your own ocean in a bottle to take home!

JAC TH 7/13 6-7pm Reg by 7/10 \$5/\$7 -4A

### X-Rays!

Ever wonder what you look like on the inside?! Although we won't have the ability to take x-rays of our own bodies, instead we will look closely at x-ray print outs and see pictures of bones! We will also do a craft to put together our own "x-ray images"!

JAC TH 7/20 6-7pm Reg by 7/17 \$5/\$7 -5A

### Circle of Life

All living things on Earth go through their very own life cycle. Some live for years and years, while others may only be around for a short while. Discover with us just how and why life cycles differ from one species to another, including our own!

JAC TH 7/27 6:15-7:15pm Reg by 7/24 \$5/\$7 -6A

### Shell Instruments

Make your own shell instrument while learning about the Native American culture! We will make our shell instruments and then listen to a cd to make music and replicate it! All children will be able to take their instrument home.

JAC TH 8/3 6:15-7:15pm Reg by 7/31 \$5/\$7 -7A

## CHILDREN GARDEN PROGRAMS FAMILY PROGRAMS A WORLD OF DISCOVERY!

#30804201

Age 5+ with Parent

Programs held at the Children's Garden aim to provide a special place for children and families to explore and discover the natural world. We hope to help instill in children a lifelong love of growing and caring for living things and appreciation for the environment in a playful and informal setting. Programs are held outside and dressing for the weather is highly encouraged. Through the support of Midwest Generation these programs are offered for free. All classes require pre-registration. Thank you to NRG for their generous support of these FREE programs.

### Make Your Own Herb Garden

This fun program gets families to work together to plant a small take home herb garden that can be tended to all summer long. During class we will use Dill to make a yummy dip to enjoy. Herbs will include Dill, Parsley and Rosemary. Feel free to bring your own garden gloves or borrow ours.

BO TH 6/15 10-11am Reg by 6/11 FREE -1A

### Bubbleology

During this hands on and messy program we will explore the different solutions created in order to make our own bubbles! We will discover the best and worst solutions in order to make some extreme bubbles!

CG TH 6/22 10-11am Reg by 6/18 FREE -2A

### Humming Bird and Butterfly Feeder!

It just takes a few simple items to make a feeder that will attract a humming bird or butterfly to your garden. Using a jar, string, and a colorful fake flower is all it takes. We will make our own nectar and then assemble the project while learning about these wonderful creatures. All supplies are provided.

CG TH 6/29 5:30-6:30pm Reg by 6/26 FREE -3A

### Pocket Sun Dials

This fun kit will include all necessary equipment to make your very own sun dial! Learn how to use the sun dial, and also how it was used as the main source to tell time hundreds of years ago.

CG TH 7/13 10-11am Reg by 7/10 FREE -4A

### Test Your Senses

During this program we will take the time to test ALL of our senses? Think you have a nose that can't be fooled? Or ears that hear EVERYTHING? We will see about that! Test out your natural human skills at this hands on program that will allow for participants to utilize their eyes, ears, nose, tongue and hands!

CG TH 7/20 10-11am Reg by 7/16 FREE -5A

### Bug Bash

This program is sure to be a summer party for the whole family to enjoy and celebrate nature! We will learn about the beautiful bugs in our parks, try catching fire flies, make a craft, create, and enjoy a healthy snack of ants on a log!

CG TH 7/27 10-11am Reg by 7/23 FREE -6A

### Fossil Find

Become paleontologists by finding and gently removing the sediment to expose real trilobite replicas (small, ocean dwelling creatures that lived over 250 million years ago) Each find can be taken home along with a better understanding of these fascinating little creatures.

CG TH 8/3 10-11am Reg by 7/29 FREE -7A

### Little Hikers

It's time to venture deep into the woods, explore under rocks and tree branches. Find little bugs, and listen to birds. This family hike time is geared to keep your child focused on the natural world around them and install a love and appreciation of what nature has to offer. Please wear bug spray and long sleeve shirts and pants.

CG TH 8/10 10-11am Reg by 8/7 FREE -8A



**Celebrate SUMMER!**  
**Summer Solstice Celebration**  
**Bonfire and Drum Circle**



**Tuesday, June 20, 2017**  
**Waukegan Municipal Beach**  
**(South Beach)**  
**10pm - 11:30 pm**

Join the City of Waukegan and the Waukegan Park District's Cultural Arts Department to welcome summer. The Summer Solstice for the Northern Hemisphere will begin at 11:24 pm on the night of June 24. Bring your drum or borrow one from our drum circle facilitator, Helen Bond of Medusa's Musical Mysteries. This dynamic percussionist, teacher and humanitarian will lead the gathering for this welcome to summer event.



## NEW! Eco-Badge! #30807201-1A


Ages 7-12

The purpose of this program is to engage young minds to explore, discover, and learn throughout the summer. Activities can be done on your own or part of our schedule activities. Pick up an Eco-Badge book from the Belvidere Recreation or Field House Sports and Fitness Center to start your summer adventure. Complete an activity related to the subjects below to earn your Eco-Badge sticker to place in your Eco-Badge Book. Try to collect all the badges before the end of summer. These badges can be earned by participating in the free family programs we offer or by proving you completed an activity on your own and stopping by the Belvidere Recreation Center to get your badge. Please share a picture of you doing the activity to get your badge. Begins June 12.

- Gardening
- Butterflies and/or Hummingbirds
- Our 5 Senses: See, taste, touch, hear, smell
- Insect Discovery
- Hiking
- Recycling

## Total Solar Eclipse Party

**Monday, August 21**  
**Bowen Park • 12:30pm**  
**Jack Benny Center for the Arts**



To see the eclipse in person in Illinois you would need to go to southern Illinois which boasts the longest total duration of 2 minutes and 44 seconds. If you are unable to make the trek to southern Illinois, come to the Jack Benny Center to hear stories of what indigenous people thought about what an eclipse was and then watch the total solar eclipse streaming at 1:20pm. Watch for the Facebook event or call 847-360-4740 for more details.

## Family Outdoor Equipment Rental

Looking for an inexpensive way for you and your family to enjoy being outside? Come to the Belvidere Recreation Center and rent all the basic outdoor equipment you need to connect with the great outdoors. Contact Mike Mayfield at 847-360-4710 for more details.

**Outdoor Fun Kit:** Includes the following items and can be reserved for a maximum of three days:

- 1 tent (4-person)
- 2 sleeping bags
- 2 sleeping pads
- 1 cooler
- 1 lantern (propane fuel not included)
- 1 stove (2 burner – fuel not included)
- 1 flashlight
- 1 backpack
- 1 first aid kit
- 2 fishing poles

**Outdoor Fun Kit Fee: \$30**

Must be 21 years and older to rent equipment. Also a refundable \$30 deposit is required (returned if equipment is returned on time and not damaged).

## Family Nights

Join us for some fantastic family time on these Friday nights. All activities are free! Pre-registration is required.

### End of Summer BBQ- Family Picnic Night!

#30611408

Family/All Ages

Enjoy a fun night out with the family to celebrate the end of an amazing summer at the Park district! We will have a BBQ, with snacks, hamburgers and hotdogs. A movie in the park will also be shown- while a variety of different family "field day" type activities will take place! Kickball game, bags, horseshoes, soccer, and more!

**BO FR 8/11 5pm-7:30pm Reg by 8/5 FREE -1A**

### "Make Your Own" Ice Cream Social and Games

#30608307

Family/All Ages

"I scream, you scream, we all scream, for ice cream," is the famous saying. So come on over to the Belvidere Recreation Center for some yummy ice cream and then play fun games in the yard. This is a great time for family and friends to enjoy some quality time together.

**BRC FRI 7/14 6-7:30pm Reg by 7/10 FREE -1A**

### Bowen Park Campfire #30603404

Family/All Ages

Bring your campfire tradition to Bowen Park. Enjoy an optional nature walk or scavenger hunt to get the night started, and then make a yummy S'more or Chocolate Banana Boat right over the campfire. All the fixings are provided. Please dress for cooler temperatures for when the sun goes down and bring bug spray. Pre-registration required. Bring a blanket or chair for comfort. Family friendly entertainment will be provided. This program is sponsored by NRG Energy.

**JAC/BP FRI 7/21 7-9pm Reg by 7/16 FREE -1A**



## Make It Take It Nights



**New! #30603410** Age 5+ and Parent

Each week we will provide a different project, craft, recipe, science experiment, etc. for each parent and child to complete together and take home! Take a look below and pick out what you would like to "make and take".

**Tie-Dye T-Shirt**

**BRC FR 6/16 6-7pm Reg by 6/11 FREE -1A**

**Slime**

**BRC FR 8/18 6-7pm Reg by 8/14 FREE -2A**