

# DISCOVERY WORLD'S **NEW WEEKEND WORKSHOPS**

Weekend workshops are meant to be fun, engaging, and a great way to feed into new interests and maximize old ones. Whether you have a budding genius in 5<sup>th</sup> grade who wants to get ahead of the game or a bored teenager who wants to express themselves and have some fun, Discovery World's Weekend Workshops are for them. And if you have a child who is above average, but younger than the specified ages for the Weekend Workshops, just give us a call and we will work with you to place your child in one of our workshops.

## Workshops Offered:

### Youth & Teen Workshops

Visitors ages 8 – 17 will be able to participate in workshops focusing on electronics, design, biology, graphic arts, water chemistry, digital media, and architecture.

### Sunday Family Workshops

Whether you're 8 or 88, we want families to get together to have some fun, learn a new skill, and interact with one another! We can't wait to see you on the weekends!

# DISCOVERY WORLD



Join us as we launch our **NEW** Weekend Workshop series!

Register today by calling 414.765.8625

### Saturday, February 25

#### VIDEO STUDIO EXPERIENCE: COOL CULTURE PRESENTER

Be a part of a teen team that presents the Cool Culture video show. Using ready-made scripts, explore speaking on camera, and reading from a television teleprompter like the news. Sample the different areas of the Video Studio, and take your show home on DVD.

1pm - 3pm ..... Ages 13-16

\$30 Member | \$35 Non-Member

#### SHIPWRECKS OF LAKE MICHIGAN

Dive beneath the waters of Lake Michigan and discover the submerged remains of different shipwrecks. Learn how underwater archaeologists are using sophisticated technology to document these shipwrecks and reveal their secrets. Examine artifacts from these shipwrecks and the stories behind them.

10am - 1pm ..... Ages: 8 - 12

2 - 5pm ..... Ages: 12 - 17

\$20 Member | \$25 Non-Member

### Sunday, February 26

#### SHIPWRECKS OF LAKE MICHIGAN

See description from February 25.

1 - 4pm ..... Age: Family Program (8+)

#### Members:

\$20 for first family member to sign up

\$10 for each family member to sign up after the first

#### Non-Members:

\$25 for first family member to sign up

\$15 for each family member to sign up after the first

### Saturday, March 10

#### FISH BIOLOGIST

Discover what it's like to live underwater by emerging yourself in the world of fish! With the guidance of a biologist you'll explore unique fish adaptations by dissecting a fish, touching a live fish, and touring the Reiman Aquarium... behind the scenes! From the Great Lakes to the Caribbean you'll learn about underwater creatures that will make you never look at water the same.

10am - 1pm ..... Ages: 8 - 12

2 - 5pm ..... Ages: 12 - 17

\$20 Member | \$25 Non-Member

#### PUT YOUR FINGER ON IT!

A crime has been committed at Discovery World and we need your help to figure out who did it! Uncover clues as you learn about DNA analysis, hair analysis, and fingerprinting in our interactive labs! Will you be able to detect a liar? Can you identify the author of a ransom note? Find out as you become a Milwaukee crime scene investigator!

10am - 1pm ..... Ages: 8 - 12

2 - 5pm ..... Ages: 12 - 17

\$20 Member | \$25 Non-Member

#### DIGITAL VIDEO: BASIC CAMERA SHOTS

In the Digital Arts Lab, develop skills to take your homemade videos to the next level. Learn the foundation of camera shots and angles as you collect creative images around Discovery World. Explore how the lens of the camera can be an artistic tool as you test drive high-resolution video cameras in a fun, teen environment.

1 - 4pm ..... Ages 13 - 16

\$30 Member | \$35 Non-Member



## Sunday, March 11

### FISH BIOLOGIST

See description for March 10.

**1 – 4pm ..... Ages: Family Program (8+)**

**Members:**

**\$20** for first family member to sign up

**\$10** for each family member to sign up after the first

**Non-Members:**

**\$25** for first family member to sign up

**\$15** for each family member to sign up after the first

### PUT YOUR FINGER ON IT!

See description for March 10.

**1 – 4pm ..... Ages: Family Program (8+)**

**Members:**

**\$20** for first family member to sign up

**\$10** for each family member to sign up after the first

**Non-Members:**

**\$25** for first family member to sign up

**\$15** for each family member to sign up after the first

## Saturday, March 17

### SIMPLE CIRCUITRY

Learn about the power of electronics, conductors, generators, and more in this introduction to circuitry workshop! Become an electrical engineer while you make your own simple circuit to learn how light switches work. Get to know Nikola Tesla, the inventor of the modern world and how his inventions have shaped our world today!

**10am - 1pm ..... Ages: 8 -12**

**2 - 5pm ..... Ages: 12 - 17**

**\$20 Member | \$25 Non-Member**

### SODA FROM SCRATCH

Brew soda as it was 100 years ago and discover how it can be made at home. Work with others in Discovery World's THIRST Lab to recreate an extract based on recipes from the 19th century. Learn how sodas are made and about the science behind them; including carbonation techniques and natural fermentation. Use this knowledge to brew a soda made the old fashioned way.

**10am - 1pm ..... Ages: 8 -12**

**2 - 5pm ..... Ages: 12 - 17**

**\$20 Member | \$25 Non-Member**

## Sunday, March 18

### SIMPLE CIRCUITRY

See description for March 17.

**1 – 4pm ..... Ages: Family Program (8+)**

**Members:**

**\$20** for first family member to sign up

**\$10** for each family member to sign up after the first

**Non-Members:**

**\$25** for first family member to sign up

**\$15** for each family member to sign up after the first

### SODA FROM SCRATCH

See description for March 17.

**1 – 4pm ..... Ages: Family Program (8+)**

**Members:**

**\$20** for first family member to sign up

**\$10** for each family member to sign up after the first

**Non-Members:**

**\$25** for first family member to sign up

**\$15** for each family member to sign up after the first

## Saturday, March 24

### PLANT BIOLOGIST

Reveal the beauty of plants as you dissect unusual and common plant life under a microscope. Design and then make your own terrarium once you learn how plants play an important role in our ecosystem. From fungus to beautiful flowers you'll come face-to-face with unique organisms that live in the plant and fungi kingdom.

**10am - 1pm ..... Ages: 8 -12**

**2 - 5pm ..... Ages: 12 - 17**

**\$20 Member | \$25 Non-Member**

## Sunday, March 25

### PLANT BIOLOGIST

See description for March 24.

**1 – 4pm ..... Ages: Family Program (8+)**

**Members:**

**\$20** for first family member to sign up

**\$10** for each family member to sign up after the first

**Non-Members:**

**\$25** for first family member to sign up

**\$15** for each family member to sign up after the first



## Saturday, March 31

### INTRO TO ELECTRONICS AND SOLDERING

We'll teach you everything you need to know and give you all the tools you need to wire, solder, and build your own buzzing circuit! The possibilities are endless once you have mastered the skill of soldering. Electromagnets, switches, and breadboards are only the beginning.

**1 - 4pm.....Ages 12-17**  
**\$20 Member | \$25 Non-Member**

## Saturday, April 14

### PHOTOSHOP: DESIGN YOUR FACE

Make a creative version of your face using layers and effects from Adobe Photoshop. In step one, you'll visit the studio where a high-resolution photo of your face is taken. Then you'll work in the Digital Arts Lab with a palette of images to layer and blend over your face to create a new portrait of yourself. This workshop explores basic tools, opacities, and layers of Photoshop. Take home a digital file of your creation.

**1 - 4pm.....Ages 13-16**  
**\$30 Member | \$35 Non-Member**

### 3D ARCHITECT

Explore Milwaukee through the eyes of a professional architect. Create digital drawings using WACOM tablets and build computer models of your designs using the same tools architects use every day. Learn trade secrets from a professionally-trained architect!

**10am - 1pm .....Ages: 8 -12**  
**2 - 5pm.....Ages: 12 - 17**  
**\$20 Member | \$25 Non-Member**

## Sunday, April 15

### 3D ARCHITECT

See description for April 14.

**1 - 4pm.....Ages: Family Program (8+)**  
**Members:**  
**\$20** for first family member to sign up  
**\$10** for each family member to sign up after the first  
**Non-Members:**  
**\$25** for first family member to sign up  
**\$15** for each family member to sign up after the first

## Saturday, April 28

### T-SHIRT DESIGNER

Explore the art and science of screen printing while making your own custom t-shirt! In this crash course in printmaking, we'll touch on everything: from working with digital images in Adobe Photoshop to printing with ink and squeegees.

**10am - 12pm .....Ages: 11 -13**  
**2 - 4pm.....Ages: 14 - 17**  
**\$20 Member\* | \$25 Non-Member\***  
*\*materials fee included*

### FRAGRANCE FUSION

Are you a do-it-yourselfer? Discovery World's THIRST Lab is your laboratory as you learn how fragrances are extracted, and try your hand at creating perfumes and scented items such as soap and candles in this hands-on experience.

**10am - 1pm .....Ages: 8 -12**  
**2 - 5pm.....Ages: 12 - 17**  
**\$20 Member | \$25 Non-Member**

## Sunday, April 29

### T-SHIRT DESIGNER

See description for April 28.

**1 - 3pm.....Ages: Family Program (8+)**  
**Members:**  
**\$20\*** for first family member to sign up  
**\$10** for each family member to sign up after the first  
**Non-Members:**  
**\$25\*** for first family member to sign up  
**\$15\*** for each family member to sign up after the first  
*\*materials fee included*

### FRAGRANCE FUSION

See description for April 28.

**1 - 4pm.....Ages: Family Program (8+)**  
**Members:**  
**\$20** for first family member to sign up  
**\$10** for each family member to sign up after the first  
**Non-Members:**  
**\$25** for first family member to sign up  
**\$15** for each family member to sign up after the first

## Saturday, May 12

### THE LAB

Now's your chance to turn your basement or garage into a laboratory! Discover how to use lab tools, materials, and chemicals to create your own experiments to take home and demo. Impress your family and friends with an understanding of the scientific method as you experiment with matter and watch it react.

10am - 1pm ..... Ages: 8 -12  
2 - 5pm ..... Ages: 12 - 17  
\$20 Member | \$25 Non-Member

## Sunday, May 13

### THE LAB

See description for May 12.

1 - 4pm ..... Ages: Family Program (8+)  
**Members:**  
\$20 for first family member to sign up  
\$10 for each family member to sign up after the first  
**Non-Members:**  
\$25 for first family member to sign up  
\$15 for each family member to sign up after the first

## Saturday, May 19

### INTRO TO CIRCUIT BENDING

Get elbow deep in the world of circuit bending; the art of rewiring and short-circuiting a device to create new electronic possibilities. You won't be able to stop dissecting old electronics around the house once you've experienced this workshop in the Discovery World Electronics Lab.

10am - 1pm ..... Ages: 8 -12  
2 - 5pm ..... Ages: 12 - 17  
\$20 Member | \$25 Non-Member

### FOOD OF THE FUTURE

What would food look like if it were made with science? Explore giving foods new shapes and textures with a little help from the staff of Discovery World's THIRST Lab. Experience liquid nitrogen ice cream, fruit juice ravioli, and more.

10am - 1pm ..... Ages: 8 -12  
2 - 5pm ..... Ages: 12 - 17  
\$20 Member | \$25 Non-Member

## Sunday, May 20

### INTRO TO CIRCUIT BENDING

See description for May 19.

1 - 4pm ..... Ages: Family Program (8+)  
**Members:**  
\$20 for first family member to sign up  
\$10 for each family member to sign up after the first  
**Non-Members:**  
\$25 for first family member to sign up  
\$15 for each family member to sign up after the first

### FOOD FOR THE FUTURE

See description for May 19.

1 - 4pm ..... Ages: Family Program (8+)  
**Members:**  
\$20 for first family member to sign up  
\$10 for all other family members to sign up after the first  
**Non-Members:**  
\$25 for first family member to sign up  
\$15 for each family member to sign up after the first

## Saturday, May 26

### BIOLOGY DESIGNER

From bird nests to beehives, you'll reveal beautiful secrets found in the design of all things natural. Investigate the ways in which Nature uses shapes to make weak materials strong. Create your own strong shapes and put them to the test; use this knowledge to design a product based on mimicking nature.  
10 - 1pm

10am - 1pm ..... Ages: 8 -12  
2 - 5pm ..... Ages: 12 - 17  
\$20 Member | \$25 Non-Member

## Sunday, May 27

### BIOLOGY DESIGNER

See description for May 26.

1 - 4pm ..... Ages: Family Program (8+)  
**Members:**  
\$20 for first family member to sign up  
\$10 for each family member to sign up after the first  
**Non-Members:**  
\$25 for first family member to sign up  
\$15 for each family member to sign up after the first

## Cancellation Policy

In order to reserve your spot, you must either call the Reservations Department at 414.765.8625 or register online at <https://ols.discoveryworld.org>. Within two weeks of the Workshop, if you have not paid in full, you will lose your reservation.

1. In order to receive a full refund for any registration YOU cancel, the cancellation must be received at least ten (10) days before the start of the Workshop.
2. Cancellations received less than ten (10) days before the Workshop start date, but before the class start date, will be granted Discovery World Education Department programming credit equivalent to 75% of tuition, not including any material fees.
3. A cancellation received on or after the Workshop start date will receive no refund or credit.

A Workshop can be cancelled if it does not meet the minimum attendance threshold. In the event that fewer register than is required for a Workshop to take place, Discovery World will notify you of this situation before the start date and offer alternative classes or refunds. All final registration decisions will be made no later than five (5) days before the Workshop start date.

500 North Harbor Drive  
Milwaukee, WI 53202  
[www.discoveryworld.org](http://www.discoveryworld.org)

DISCOVERY WORLD  
innovation | technology | environment  
*It's where we're going*