



# MAD LAB!

By the World's Leading Fun Science Provider

## **Brand New Classes!!!**

Mad Science® offers fun, inquiry-based, hands-on, after-school programs that cover a wide range of science topics.

Your child will even come home with a take-home project!

### **Topics covered in this session's classes:**

- ★ Entomology!
- ★ 3-D Technology!
- ★ Kinetic Energy!
- ★ Tectonic Plates!
- ★ And Much More!

### **Mad Science® After-School Programs**

- ★ Meet national and state science curriculum standards.
- ★ Are led by trained, qualified, and dynamic instructors.
- ★ Follow professional lesson plans.
- ★ Use unique equipment and original materials.

**Details:** Tuesday's from 3:30pm-4:30pm at Arno Elementary

**Class Dates:** 6-week program – Nov 15, 22, 29, Dec 6, 13, 20

**Skip Days:** None

**Cost:** \$120 per student

- **Appropriate for students in K – 5<sup>th</sup> grade**
- **All classes held on site. Classes will be split as needed**
- **All classes include cool take home items**
- **Space is limited**
- **Registration is on a first come – first served basis**

Register **Online** by visiting <https://detroit.madscience.org/parents-details-a.aspx?regItemSessionID=371237>

Register By **Phone** at **(248) 773-8570**

Space is limited – registration is on a first come – first served basis – register today!  
12 student minimum required to run – No refunds once classes begin

**Questions??? Call 248-773-8570**

For other programming options (including **BirthDay Parties!**), please visit our website at:

**[Detroit.madscience.org](https://detroit.madscience.org)**

## Registration Form – Detach & Return

Course Name: **Mad Lab!** Elementary School: **Arno Elementary** Fee: **\$120 per child**

Child's Name: \_\_\_\_\_ Date of Birth: \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_

Grade/Teacher: \_\_\_\_\_

Parent(s)/Guardian(s): \_\_\_\_\_ Email: \_\_\_\_\_

Main Phone: (\_\_\_\_) \_\_\_\_\_ – \_\_\_\_\_ Secondary Phone: (\_\_\_\_) \_\_\_\_\_ – \_\_\_\_\_

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

*I hereby give my child permission to remain after school for the Mad Science class.*

My child will be picked up after class by: (Name) \_\_\_\_\_

My child will attend after-school day care at the school

Health Concerns: \_\_\_\_\_

Parent's Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_

Check  Cash  Money Order Make payment payable to: Mad Science of Detroit

### Important Details –

Registration is limited and on a first come, first served basis. Avoid disappointment and register early! Please return registrations directly to Arno Elementary. Please consult the front of this form for specific enrollment information.

Mad Science is held onsite at your child's school. Students will be grouped by like grades when possible. Class sizes range from 12 to 22 children.

All supplies and materials are included in the class fee. Each week the kids will receive a take-home item and take-home card that will enable them to continue the fun and learning at home!!

### Any questions?????

### Feel free to call us at – 248-773-8570

To avoid any mix-ups, please remind your child to go to Mad Science after school on class days. It's also a good idea to send the teacher a note instructing the child where to go. Our instructors are not able to leave the classroom to look for absent children.

Mad Science is not responsible for children before or after the stated class times.

Please pick your child up promptly after Mad Science at the school designated location at dismissal. If you are going to be late, please make arrangements to have your child picked up by someone else or attend after school care if available.

Late pickup will be charged after a 5-minute grace period at the rate of \$1.00 per minute and must be paid to the Mad Science office prior to the start of the next class for your child to continue.

If your child attends after school care, they will be walked there at the end of class.

For refund requests made prior to the start of the program, a \$25 processing fee will be deducted. No refunds or prorated fees for missed classes. There is a \$30 fee for all returned checks.

If a class is cancelled due to inclement weather or an unexpected school closing, we will attempt to schedule a make-up class. We are unable to offer a refund for classes missed due to unforeseen circumstances.

An alternate topic for a particular class may be substituted without notice if necessary.

### Bugz!

Children get engrossed in entomology. Insect anatomy is introduced and examined up-close. Children learn how insects adapt by building insect puzzles at habitat stations. They examine a bag of insect defense representations and choose the one they want.

### Kitchen Chemistry

Children get clued in on the chemical reactions that occur when they prepare, analyze, and digest their food. The class gets cooking with a color-changing solution display. Children test food samples in search of nutrients, starch, and protein.

### Movie Effects

Movie Effects gives children a chance to sit in the director's chair and discover why science is the real star on the big screen. Children investigate 3-D technology, and experience how this effect can make them feel like part of the action.

### Science of Toys

Children test, play, and ponder over what makes toys work. They spin into action with kinetic top toys. They learn that opposites attract with magnetic toys and then take a turn at creating a gear train. Don't forget to move out of the way for The String Thing—it's motorized!

### Earthworks

Children dig-in to Earth science! Earth's layers are introduced with a spotlight on its outer rocky layer. They model the moving plates that cause bends and breaks in the Earth's solid rock layer.

### Detective Science

Children use science to crack a case! The case kicks off with a crime scene investigation. The children examine fingerprints, mystery powders, ink samples, and teeth impressions. Analyzing all the evidence is what helps pinpoint the perpetrator.