



Fantastic Forces & Flight!

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:

- ★ Gravity, Inertia, & Centripetal force!
- ★ Science of Magic!
- ★ Aerodynamics!
- ★ Oil Spills!
- ★ 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: Monday 3:35 – 4:35pm at St. Valentine in Redford

Class Dates: 6 week program – Nov 5, 12, 19, 26, Dec 3, and 10

Cost: \$90 Register before Oct 29th for \$5 off!

- **Appropriate for students in K – 5th grade**
- **All classes held on site. Classes will be split as needed.**
- **All classes include cool take home items.**

Register **Online** by visiting register.madscience.org/detroit

Register **By Mail**

12413 Stark rd. Livonia Michigan 48150

Register **By Phone** at **734-266-9444**

Space is limited – registration is on a first come – first served basis – register today!
See the back page for complete class descriptions and policies at your child's school.

Questions??? Call **734-266-9444**



Registration Form – Detach & Mail to Mad Science of Detroit

Course Name: **Fantastic Forces & Flight** Elementary School: **St. Valentine** Fee: **\$85 before Oct. 29th**

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 Mad Science of Detroit.
- 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 10 to 25 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!!
- You will not receive a confirmation letter. You will be contacted only if there is a problem with enrollment.
- **Any questions?????**
- **Feel free to call us at – 734-266-9444**
- 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.
- An announcement will be made on the first day of class directing the children where to meet.
- 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 \$15 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.
- Please retain the bottom copy of this form for session dates and times.

Classes Include –

- **Fantastic Fliers:** Fly through flight and aerodynamics basics! Discover the four forces that affect flight. Make and test various plane designs to see these forces in action! Build the **Sky Hawk Foam Plane** glider and fling it forward!
- **Science of Magic:** Learn the science behind illusions, read minds, and perform a Houdini-style escape! Amaze and amuse friends and family with the **Curious Cube** kit. It's not magic—it's science!
- **Under Pressure:** Join Bernoulli as we take an exciting look at the science behind air pressure. Create a whirlwind with an Airzooka vortex generator, and make pucks and balls levitate with air pressure! Launch foam rockets with the **Air Blaster** kit.
- **Wacky Waves:** Simulate the effects of an ocean oil spill, and develop creative techniques to clean it up! Create your own **Rescue Diver** tool while learning about water, waves, and the environment.
- **Fundamental Forces:** What do gravity, inertia, and centripetal force have in common? They are all part of the fun in this introduction to physics. Feel the pull of precession with the bike wheel gyroscope, and strike the perfect balance with the **Gravity Game** kit.
- **Super Structures:** Act like junior architects and engineers! Test out shapes for strength. See if a paper column can withstand the Column Collapser apparatus! Construct a structure from scratch with the **Bridge Basics** kit.