



After-School Program

By the World's Leading Fun Science Provider
Spark your child's imagination even when school is out! Mad Science® offers fun, inquiry-based, hands-on, after-school programs that cover a wide range of science topics.

Let your child see just how cool science can be!

Located directly on campus at your child's school.
Complete class descriptions, dates and times available are listed on the back!

REGISTER TODAY!

Space is limited. Registration is accepted on a first-come, first-served basis.

Try this Experiment at Home!

-----CRYSTAL SNOWFLAKES-----

What You Need:

string
scissors
blue food coloring (if desired)

white pipe cleaners
pencil
borax (in the laundry aisle at the market)

wide mouth jar
boiling water

What you do:

1. Cut a pipe cleaner into three equal sections.
2. Twist the sections together at their centers to form a six-sided snowflake shape. Cut to fit inside the jar.
3. Tie the string to the end of one of the snowflake arms and tie the other end of the string to the pencil. Test to make sure the snowflake hangs into the jar without touching the bottom.
4. Fill the jar with boiling water.
5. Add borax, one tablespoon at a time, to the boiling water. Stir to dissolve after each addition. You will use 3 tablespoons of borax for each cup of water used. It's okay if some un-dissolved borax settles to the bottom of the jar.
6. If desired, you may tint the mixture with food color.
7. Hang the pipe cleaner snowflake in the jar so that the pencil rests on top of the jar and the snowflake is completely covered with liquid and hangs freely.
8. Leave overnight.
9. Look at the pretty crystals!!! You can hang your snowflake as a decoration or in a window.

What's going on?

As the water evaporates and drips off your pipe cleaners it leaves dissolved minerals behind that form awesome crystals.

Mad Science® After-School Programs

Led by trained, qualified and dynamic instructors.

Professional lesson plans, unique equipment, original materials.

Age-appropriate and loved by children.

Include a take-home science project with each class.

Mad Science of Portland & Vancouver • www.madscience.org/portland • 503-230-8040

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**After School Enrichment Program at
Valley Catholic School**
Class Day: Thu, 3:00 PM - 4:00 PM
Grades: K - Gr 6
Dates: Fall 2011 10/20/11-12/15/11
No Class on: 11/10, 11/17, & 11/24
Cost Per Student: \$ 75
EARLY REGISTRATION DISCOUNT!
Save \$5 if you register by 10/14/2011

REGISTER ONLINE at www.madscience.org/portland

Do NOT Return Completed Forms to School. Registrations are accepted in the order received. Telephone registration is no longer available.

TAKE A BITE OUT OF SCIENCE

ENERGY BURST

Energy makes balls bounce and roller coasters move. Change the state of energy from chemical, to solar, to mechanical and experiment with rubber bands, racecars, and catapults in this energetic exploration of science!

HARNESSING HEAT

Fire can be amazing but it is the properties of heat that have all the power! Step into the lab and learn all about it while building a thermometer and watching an underwater volcano erupt!

Mix It Up

Can you keep two liquids separate in one container? Learn the advanced techniques of chemists and experience hands on how the professionals investigate the properties of mixtures and solutions. Don't forget to put on your gloves and safety goggles!

KITCHEN CHEMISTRY

Have you ever wondered what happens to the food we eat? Chemistry will help us experiment, analyze and make important conclusions about the foods we put into our bodies.

TANTALIZING TASTE

Science often uses the sense of sight, hearing, smell and touch to make observations. Here's your opportunity to use your sense of taste and literally take a bite out of science!

MISSION NUTRITION

Your mission is to use the Mad Science Laboratory to find out which foods help our brain function, fuel our muscles and help our heart stay healthy! Perform experiments and play games in your mad quest to learn about the foods we eat.

Mad Science® is on a mission to spark the imagination and curiosity of children by providing them with fun, interactive and educational programs that instill a clear understanding about science and how it affects their world.

Mad Science® Program Policies

- Our guarantee is simple. If your child attends the first session of the course and it does not meet his/her expectations, we will refund you in full. You MUST call us before the second class meeting to qualify. Cancelling your registration prior to the start of the program will result in a \$10 processing fee.
- Class sizes range from a minimum of 12 children to a maximum of 20 children. When possible, we will separate children into age groups. An alternate topic for a particular class may be substituted without notice.
- For your child's safety, we will only release your child to the specific person(s) listed on your registration. If an alternate person will be picking up your child, that person must have a written note, signed by you. You must meet your child at the classroom door promptly upon dismissal. Late pickup charges will begin accruing 5 minutes after the end of class. The late pickup charge is \$1.00 per minute and must be paid to the Mad Science Office prior to the start of the next class in order for your child to continue.
- Mad Science will only send confirmation of registration via email. If you do not provide an email address, you will not receive a confirmation.
- A \$15 fee will be charged for checks that are returned unpaid.
- Mad Science strives at all times to provide fun science activities to all children. In an effort to fulfill this commitment we ask that all children enrolled adhere to basic behavioral guidelines. We realize that the hands-on, high-energy nature of our program excites and motivates children. Our programs are specifically designed to harness and direct that energy. Our instructors set clear boundaries and expectations as to appropriate conduct and we will hold all students to these expectations. If a child becomes disrespectful of others we will notify you immediately and ask for your help. Mad Science has a zero-tolerance policy regarding violence of any kind. Children exhibiting violent behavior will be asked not to return to Mad Science class. There will be no refund.
- **QUESTIONS?** Call Mad Science at (503) 230-8040 or email Linda@madscienceportland.com
- **Non-Discrimination Statement:** Mad Science does not discriminate against any person on the basis of race, national origin, color, creed, religion, sex, age, disability or sexual orientation.

School Name: _____ ****Do NOT Return Completed Forms to School****

Child's Name: _____ Birthdate: ___/___/___ Grade: ___ Teacher: _____

Parent's Name: _____ Email Address: _____

Phone Numbers: Home: ___/___-___ Work: ___/___-___ Cell: ___/___-___

Billing Address: _____

Please list any health or behavior concerns we should know about your child: _____

After class, my child will Attend Daycare at the school Walk home Be picked up by: _____

Return Payment & Form to Mad Science, 1522 N. Ainsworth Street, Portland, OR 97217

Payment Check or Money Order payable to Mad Science.

Method: Credit Card _____ | _____ | _____ | _____ | Exp. Date ___/___/___

Visa/MC/Discover Name on Card Credit Card Number MM/YY

Parent Signature: _____

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