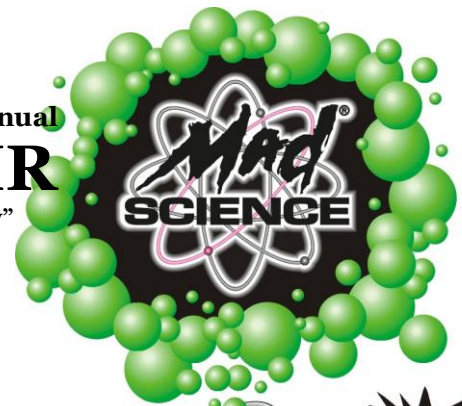


The Willard School PTG 11th Annual
SCIENCE FAIR
with MAD SCIENCE "Up, Up & Away"



***Shoot for the moon. Even if you miss it,
you will land among the stars. Les Brown***

Dear Willard students and parents,

ALL STUDENTS are invited to celebrate science and share their observations at the Willard School Science Fair to be held **Sunday, April 11, 2010** from 2 to 4 p.m. At this event, students display what they have learned through their own investigations and discovery. This wonderful event truly showcases students' efforts and creativity in a fun, noncompetitive forum.

Students are already scientists, the ultimate detectives! Without even trying, you experiment and observe to make discoveries. Here are some questions you may have already asked:

- What do your plant seeds need to grow?
- What happens when you mix baking soda and vinegar?
- What liquids float on water?
- What shape car goes down your ramp fastest?
- Does anything live in a tree stump?
- How does a tornado form?



YOU decide how to do/show your own science project. Pick something that interests you!

You can answer questions like these by using a *simple scientific method* (explained in the confirmation kit sent to participants). You may also explore your science topic using *other approaches* such as:

- collect and record information (data) that you measure or observe
- make a model or draw a diagram depicting a scientific phenomenon
- build an apparatus that demonstrates scientific principles
- research, illustrate (or photograph) and explain a scientific wonder

Create a cool science project by yourself or with a friend or sibling. Feel free to work with parents or other adults, but make this project your own. When planning a project, keep in mind:

- *Each student or team will have a **3' by 3' display space** on half of a 3' by 6' table.*
- *Projects may **not** use open or concealed flames, gases, non-contained microbial cultures, flammable liquids, or **anything else that could be considered dangerous.***
- ***HAVE FUN!!***

During the afternoon of the fair, as student projects are displayed in the cafeteria, there will be a return of last year's **MAD SCIENCE** educational performers with a new show called "**Up, Up & Away**" in the Willard gym, **ribbons for participants**, as well as a **raffle**.

Please call or write to us if you have any questions:

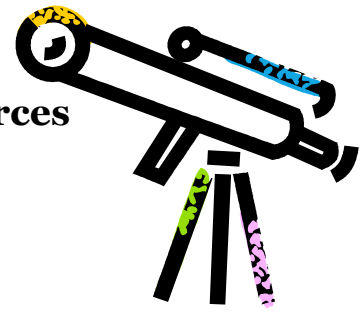
Deanna Vincent
Sara Laschever

369-5524, deanna@aol.com
371-2669, sklasch@gmail.com

REGISTRATION FORMS ARE DUE BY MONDAY, MARCH 15.



Science Fair References and Resources



LIBRARIES AND MUSEUMS

1. Willard School Library
2. Concord Free Public Library – Children’s Department (main building)
 - **Extensive science fair notebooks** prepared by Bob Fardy, former Concord Public Schools K-5 Science Curriculum Specialist
 - **Numerous books on reserve** about science projects, experiments, etc.
3. Harvard Museum of Natural History (617) 495-3045 www.hmn.harvard.edu
4. Museum of Science (617) 723-2500 www.mos.org
5. Acton Discovery Museum (978) 264-4200 www.discoverymuseums.org
6. The MIT Museum (617) 253-4444 web.mit.edu/museum/
7. New England Aquarium (617) 973-5200 www.neaq.org
8. EcoTarium (Worcester) (508) 929-2700 www.ecotarium.org
9. Drumlin Farm (Mass Audubon) (781) 259-2200 www.massaudubon.org
10. New England Aquarium (617) 973-5206 www.neaq.org/education

LINKS TO PROJECT IDEAS

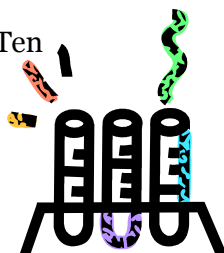
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| www.brainpop.com | www.all-science-fair-projects.com | scienceclub.org |
| www.scifair.org | www.sciencefairadventure.com | scienceproject.com |
| billnye.com | www.sciencebuddies.org | www.stevespanglerscience.com |

Googling “science fair” will produce links to many other informational sites.



RESOURCES FOR MATERIALS

<i>Source</i>	<i>Available materials</i>	<i>Phone/location</i>
Edmund Scientific scientificsonline.com	Lenses, magnets, motors, optical equipment, robotics	(800) 728-6999
www.sciencekit.com/	over 1500 products for K-6	
You-Do-It Electronics www.youdoitelectronics.com/id86.htm	electronic kits	(781) 449-1005 Exit 19A off Rte.128
Radio Shack www.radioshack.com	electronic supplies	(978) 263-2960 Acton
Pet shops	mealworms	
Toy stores	chemistry kits	
Hardware stores	building materials, electric and plumbing supplies	
West Concord Five and Ten and Staples	self-standing cardboard presentation boards, poster board, general supplies	

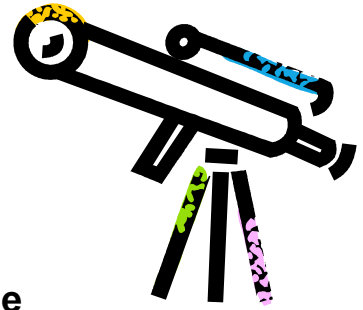




Sparking
Imaginative
Learning

Willard School's 11th Annual
SCIENCE FAIR 2010
Sunday, April 11, 2-4 P.M.

REGISTRATION FORM



**Please return to the box outside the Willard Office
by Monday, March 15.**

I plan to participate in the Willard Science Fair!

Student Name: _____

Grade: _____ Teacher: _____

Parent contacts for this student: _____

Parent contacts phone(s), email: _____

Team members (if joint project):

Student Name: _____ Grade: _____

Student Name: _____ Grade: _____

Student Name: _____ Grade: _____
