



# ANNOUNCING THE 4TH ANNUAL CVE SCIENCE FAIR!

SATURDAY MARCH 19, 2011

10:00 A.M. -12:00 P.M.  
CVE CAFETERIA

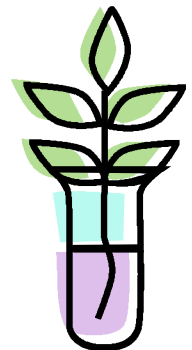
**W**e will, once again, be holding our CVE Annual Science Fair, a non-competitive event open to grades K-4. Students are invited to create a science project that will be displayed in the CVE cafeteria for all to see on the morning of the event. During the two hour fair, the students will be able to discuss their projects with other fair participants and to view the work of friends and fellow students in an informal atmosphere. There is no formal presentation involved, and there are no judges. Participation in the event is optional and is considered an extracurricular activity. Students can work individually or in teams of 2, 3, 4 or more! All participants will receive recognition for their projects through ribbons, certificates, treats, and eligibility for a raffle, to be held during the Science Fair.

A unique feature about this year's science fair is the fact that it is being organized by six seniors as a part of their senior project requirements. These students designed an assembly which your son/daughter saw today to excite them about the science fair. Be sure to ask them about some of the demonstrations that they saw!! These seniors will also be putting on demonstrations and interacting with the participants the day of the fair. Please consider joining us this year at the science fair. Working on a science project is truly a valuable learning experience! It promotes effective communication skills, self-confidence and curiosity about the world in which we live!

It's easy to find a topic. PTO has added several books to the CVE Library that detail interesting projects for every grade. Students can use their library time to browse through these books and borrow them for short periods of time. Local libraries and book stores also have resource books. We have included with this letter a resource sheet that includes specific names of books, websites and project ideas to get you started.

A science fair project can be done in a number of different ways. A child might want to do an actual experiment with a chosen question/problem, collect data and report results. Fourth graders should have the ability to do this type of project. A student might instead, want to demonstrate a scientific phenomenon or fact (i.e. How does a volcano work?). A child could even highlight a science-themed collection, such as rocks or insects. Another approach might be an observational project such as observing the metamorphosis of a tadpole to an adult frog and record when each event occurred with photos. The main objective is to have fun with the project, and allow the student to learn through exploring something that he or she finds interesting!!!

**This packet includes an entry form to be filled out and returned to the school by Friday, February 25th.** It is very important to return the forms by the deadline so that the seniors can prepare adequately for the number of students who will be participating. Questions can be directed to Rebecca Finch (Biology teacher at Senior High) at [finchrs@svsd.net](mailto:finchrs@svsd.net)



# CHECKLIST FOR PARTICIPATING IN THE SCIENCE FAIR

(Keep this form for your own reference. You only need to submit the Science Fair Entry Form)

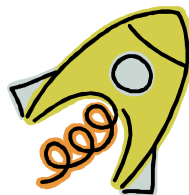
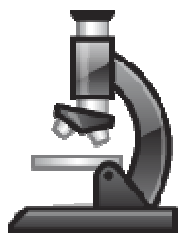
- ✓ Friday February 11th- Students attend a kick-off assembly presented by Advanced Biology Students to discuss the Science Fair. Each student will take home an information packet for parents to review.
- ✓ Students should begin to choose and actively work on their projects. The fair will be held on Saturday March 19, 2011, so there is approximately a five week time period to prepare for the event.
- ✓ Students are to submit their completed entry form to their teachers by Friday February 25th. The forms may be submitted any time after the February 11th assembly, but the final deadline will be February 25<sup>th</sup>, 2011.
- ✓ On the day of the science fair, projects are to be brought to the school cafeteria between 9:00 and 9:45 a.m. The fair itself begins at 10:00 a.m. and ends at noon. The student(s) and parent(s) will register and be given information about where to set up. Programs will be available.



## ADDITIONAL IMPORTANT INFORMATION

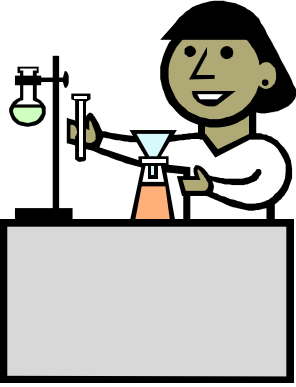
- Each student participant must attend with a parent or adult guardian who is responsible for the supervision of that child through the entire fair.
- A limited number of electrical outlets will be available. *If your project will require electricity, please indicate that on the entry form, so that we can prepare a spot for you.*
- Students will likely want to include a visual display for their project. A poster board or tri-fold board is a good item to use for this (Tri-fold boards are sold locally at Wal-Mart, Michael's, Office Max, Staples and other office supply sources). Tri-fold boards will be displayed on the cafeteria tables, along with project materials. Plan on arriving early enough to set up adequately.
- Refreshments will be available at the fair for a nominal charge with all proceeds going to future science fairs.

# HOPE TO SEE YOU THERE!



# (VE SCIENCE FAIR ENTRY FORM

*(Please Return by February 25, 2011)*



MY PROJECT IS TITLED:

\_\_\_\_\_

(Please print clearly. This title will appear in the Science Fair program booklet)

THIS PROJECT WAS COMPLETED BY:

(Include all group members for the program booklet. **Only one form needs to be submitted for the entire group**, but please make sure that each participant is clearly listed and that the name is spelled correctly!)

ELECTRICITY NECESSARY? YES/NO

Student Name: \_\_\_\_\_

Grade/Room Number: \_\_\_\_\_

Phone Number: \_\_\_\_\_

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Student Name: \_\_\_\_\_

Grade/Room Number: \_\_\_\_\_

Phone Number: \_\_\_\_\_

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Student Name: \_\_\_\_\_

Grade/Room Number: \_\_\_\_\_

Phone Number: \_\_\_\_\_

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Student Name: \_\_\_\_\_

Grade/Room Number: \_\_\_\_\_

Phone Number: \_\_\_\_\_

## PROJECT IDEAS TO "JUMP START" YOUR BRAIN

<ul style="list-style-type: none"><li>-Bouncing egg</li><li>-Cover 1 leaf on a plant and leave the rest, observe</li><li>-"Glurch"</li><li>-Lava</li><li>-Suspended egg</li><li>-Wave in a bottle</li><li>-Straw wheels</li><li>-Make lemonade</li><li>-Oil and water</li><li>-Snowflakes</li><li>-Turning carnations different colors</li><li>-Invisible ink</li><li>-Make a candle</li><li>-Jello Jigglers vs. regular Jello</li><li>-Fat layer vs. no fat layer in cold weather</li><li>-Make butter</li><li>-Blow up a balloon with a lemon</li><li>-Track outdoor temperature</li><li>-Paper Mache planet</li><li>-Fizzy rockets</li><li>-Origami</li><li>-Rain/snow gauge</li><li>-Plant and watch grow</li><li>-Density of salt water vs. density of regular water</li></ul>	<ul style="list-style-type: none"><li>-Fingerprints</li><li>-What microwave popcorn leaves the least amount of unpopped kernels?</li><li>-Make your own fossil</li><li>-Underwater volcano</li><li>-Jumping flame</li><li>-Crystal garden</li><li>-pH of water vs. other things</li><li>-Mold on bread</li><li>-Grow a stalactite</li><li>-Red cabbage pH strips</li><li>-Make plastic from milk</li><li>-Baked ice cream</li><li>-Make bread</li><li>-What cereals have the most iron</li><li>-Make soap</li><li>-Model of the solar system</li><li>-Ice cube igloo with salt</li><li>-Flavor ice</li><li>-Make a pickle</li><li>-Blindfold taste test (Pepsi vs. coke)</li></ul>
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### SEVERAL WEB-SITES WORTH INVESTIGATING:

<http://www.super-science-fair-projects.com/sample-science-fair-projects.html>

<http://www.stevespanglerscience.com/> (great video clips and you can order supplies directly from this website)

<http://www.sciencefairprojects-ideas.com/store/product-list/vmcchk/>

[http://www.hsd401.org/ourschools/elementaryschools/shorewood/documents/SampleScienceFairProjectIdeas\\_2\\_.pdf](http://www.hsd401.org/ourschools/elementaryschools/shorewood/documents/SampleScienceFairProjectIdeas_2_.pdf)

<http://www.hometrainingtools.com/article.asp?ai=1282&bhcd2=1263267222>

<http://www.hometrainingtools.com/biology-science-fair-project-ideas/a/1290/>

[http://www.sciencebuddies.org/science-fair-projects/recommender\\_interest\\_area.php?ia=Chem&dl=1](http://www.sciencebuddies.org/science-fair-projects/recommender_interest_area.php?ia=Chem&dl=1)

(This one is especially good!)

### BOOKS:

1. 100 Amazing Make-It-Yourself Science Fair Projects; by Glen Vecchione

2. The Scientific American Book of Great Science Fair Projects; by Marc Rosner
3. The Complete Idiot's Guide to Science Fair Projects; by Nancy k. O'Leary and Susan Shelly

**OR VISIT YOUR LOCAL LIBRARY! THE CVE LIBRARIAN HAS ALSO PULLED OUT BOOKS WITH SCIENCE FAIR EXPERIMENTS FOR THE KIDS**