



Lafayette Arts & Science Foundation
There for every child.

The
**SPRINGHILL-LASF
SCIENCE FAIR**
is coming!

JOIN US FEBRUARY 17th 6:30-8:30PM

The LASF Science Fair is a fun, educational event open to all Kindergarten through 5th grade Springhill students. Group projects are encouraged for grades K-4, so consider working with a friend or sibling. **5th grade students are required to participate in the Science Fair.**

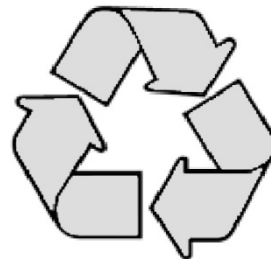
ENTRY FORMS ARE DUE JANUARY 22nd

DISPLAY BOARDS WILL BE DISTRIBUTED IN EARLY FEBRUARY
to those who have ordered them

**BRING YOUR FINISHED PROJECT TO SCHOOL
THE MORNING OF FEBRUARY 17th**

INSTRUCTIONS: Your project may be an EXPERIMENT, INVENTION, or SURVEY. (Please see the back of this page for some guidelines.) Your parents can help, but we want YOU to do the work! Projects may involve animals as long as the animals are not harmed. Please limit the size of your display to the area of a standard "tri-fold" display board (see illustration on entry form.) For everyone's safety, DO NOT BRING live animals, bacteria, dangerous chemicals, valuables, or free samples of food, liquid, candy or gum to the Science Fair. Photographs and illustrations are great ways to show your work. **Include your name, grade, and teacher name somewhere visible on your board/project.** (For group projects, please make sure *all* students and their teacher/grade are listed. Only one project entry form is needed per group.)

WE'RE GOING GREEN! You'll notice a few changes in the "look" of our Science Fair this year because we're moving towards being **more environmentally-conscious**. Please keep this in mind as you do your project this year – Consider using **reusable adhesives** (glue dots, ticky-tack, Velcro) so that you can **reuse your board next year**. Perhaps an old cardboard box can be re-formed into a project display board! **You might even consider doing a green-themed experiment** this year, such as comparing the different types of reusable adhesives, comparing different decay-rates in compost, or seeing how many aluminum cans you recycle in comparison to your neighbor. You might want to survey your friends to see how many bike or walk to school, or take the school bus, carpool, or go in a parent's car. Green-themed projects are not mandatory – we encourage ALL projects – but consider a "green" one this year!



Please be on the lookout in the Friday Flyer email for links to experiment guidelines and other resources. **Online sign up is available – this is particularly useful if you have more than one student, as this decreases the amount of paper. Please go to <http://tinyurl.com/SpringhillLASF2010ScienceFair> to sign up online.**

DISPLAY BOARDS: The student council is selling display boards. The purchase of these boards is *optional*. The cost for each board is \$5.00. **CASH IS PREFERRED.** Checks should be made payable to the *Springhill Student Council*. If paying with cash, please enclose cash in an envelope with your name, grade, and teacher's name.

MORE DETAILED GUIDELINES: Choose to do an EXPERIMENT, INVENTION, or SURVEY – The below questions are for guidance only; change to suit your project!

Project Type: EXPERIMENT

QUESTION: (What do you want to know?)

HYPOTHESIS: (Make a guess about how your experiment will turn out.)

MATERIALS: (What materials will you need?)

METHOD: (How will you do the experiment?)

DATA: (What are your observations? Be sure to keep thorough records)

CONCLUSIONS: (Have you answered your question? What are your conclusions? Do your results support your hypothesis? Did you have any difficulties which make it hard to reach any definitive conclusions? Do your results and conclusions suggest other experiments you might do in the future?)

Project Type: INVENTION

INVENTION TITLE:

PURPOSE OF INVENTION:

DESCRIPTION OF INVENTION:

MATERIALS USED:

STEPS FOLLOWED IN CONSTRUCTING MY INVENTION:

REVISIONS I MADE TO IMPROVE MY INVENTION:

WAYS MY INVENTION COULD BE IMPROVED IN THE FUTURE:

REASON MY INVENTION IS GREAT:

Project Type: SURVEY

SURVEY QUESTION:

WHAT MAKES THIS QUESTION INTERESTING TO YOU?

DESCRIPTION OF SUBJECTS: (For example, students versus teachers, or boys versus girls.)

1. Include the number of subject groups (Kindergarteners, 3rd graders, and 5th graders would be three subject groups)
2. Include the number of people surveyed in each group (For example, 20 students in each grade)

HOW DID YOU CONDUCT YOUR SURVEY? (For example, online, verbally in person or on the phone, or a piece of paper you gave or mailed to subjects) – If you have a copy of the survey, include it on your display.

SURVEY DATA: A good way to show the data is in a box that shows the subject information and their answer:

SUBJECTS	#	COKE	PEPSI	COMMENTS / RESULTS
Kindergarteners	20	18	2	Lots of Kindergarteners love Coke!
3 rd Graders	20	8	12	Lots of 3 rd graders love Pepsi!
5 th Graders	20	10	10	Wow, 5 th graders love Coke and Pepsi the same amount!
TOTALS	60	36	24	Overall, more kids love Coke

SURVEY RESULTS: What does your data show about your question? (In the example box above, the "results" section is combined with the data)

WERE YOU SURPRISED BY THE ANSWER? WHAT MIGHT EXPLAIN THE ANSWER?

WOULD YOU CHANGE YOUR QUESTION IN ANY WAY?

THINK OF ANY OTHER QUESTIONS THAT THIS SURVEY BROUGHT UP:



Lafayette Arts & Science Foundation
There for every child.

LASF-SPRINGHILL SCIENCE FAIR 2010 PROJECT ENTRY FORM

Return to the Science Fair Entry Box in the school office or enter online by **Friday January 22**

Please submit a separate entry form (the top portion of this page) for each project; however, you may order all sibling or partner display boards on one display board order form (the bottom portion of this page.) Only one project entry form is needed for a group project. **You may enter online at <http://tinyurl.com/SpringhillLASF2010ScienceFair>** but still must submit the bottom of this form if you are ordering a display board. Please consider online entry rather than printing out multiple copies of this project entry form for siblings. **All display board orders must be turned in by January 22nd.**

NAME: _____ PHONE: _____

GRADE: _____ TEACHER: _____

PROJECT TITLE OR SUBJECT (If known at this time)

We encourage group projects for grades K-4. If you will work with a partner or group, please list their name(s), grade level(s), and teacher name(s):

MY DISPLAY WILL NEED AN ELECTRICAL OUTLET? *Check if yes:*

DISPLAY BOARD ORDER FORM

Return to the Science Fair Entry Box in the school office with payment by **Friday January 22**

The Student Council is selling display boards as a fund-raiser. Purchase is optional. The boards will be delivered to the eldest sibling's classroom 2 weeks before the Science Fair.

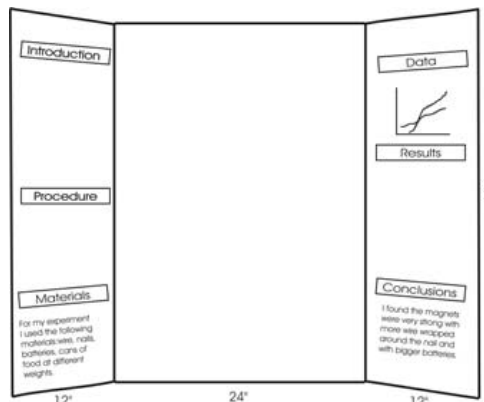
I want to purchase _____ display boards for:

Student _____ Grade _____

Student _____ Grade _____

Student _____ Grade _____

Display boards are \$5 each. In the interest of "greening" the science fair, we are not including pre-printed project headings (i.e. Hypothesis, Results, Data, etc.) If you would like a PDF of these titles to print out at home, email Kari@Dahlen.com, or have your student make their own to match the style of their project.



AMOUNT ENCLOSED: _____ **Cash is PREFERRED (place in an envelope with this form to identify the payment.) Checks can be made payable to the *Springhill Student Council*.**