

December 2011

Dear Parent(s) and Students,

All fourth and fifth grade students at Walteria Elementary School are expected to perform and give an oral presentation on a science experiment. The focus is on performing an experiment based on the scientific method and understanding the results when writing the conclusion of the experiment. These are to be individual projects. No experiments involving pets or volcanoes or crystal growing will be allowed. Students may not duplicate an experiment that was done in class. Students will be submitting a visual display board (tri-fold display boards are available at Michael's and Staples) as well as giving an oral presentation about their science experiment. Fourth grade will be allowed to use note cards for their presentation, while fifth grade will be expected to give an oral report without notes. The schedule is as follows.

DO NOT START YOUR EXPERIMENT UNTIL YOUR PROPOSAL HAS BEEN APPROVED BY YOUR TEACHER

<u>Item</u>	<u>Due Date</u>
Cover letter signed	January 13 th
Proposal worksheet	January 27 th
Results and conclusion of experiment	February 14 th
Project Complete (Display board in classroom)	February 28 th
Presentations begin	March 5 th
Walteria Science Fair	March 23 rd
TUSD District Science Fair	April 5 th

If you have any questions please contact your child's science teacher.

Sincerely,

Mr. Halili & Mrs. Masi

(Please cut and return bottom portion and keep top portion.)

.....
.....

Science Presentation Information

*I have read and discussed the entire packet with my child.
I am aware of the due dates for the science presentation.*

Child's signature _____

Parent's signature _____

Please sign and turn in Date due January 13, 2012.

Science Project Ideas

An excellent resource for science experiments is:

**Janice Van Cleve*

**The Wild Goose Company*

**TOPS*

Copies of these books will be available in Mr. Halili's and Mrs. Masi's rooms during 10:30 recess and at lunch. Children are invited to come in and select an experiment.

Monday, Jan. 9 - Room 3

Tuesday, Jan. 10 - Room 12

Wednesday, Jan. 11 - Room 3

Thursday, Jan. 12 - Room 12

Walteria Elementary School

A copy of the chosen experiment will be made for each child and given to the child following day.

***Please remind your child that they are limited to a copy of only one experiment. Please discuss the type of experiment in which they are interested before they arrive.*

Name _____

Science Project Proposal

The following is a proposal for my science project:

Title: _____

(This becomes the title for the display board.)

Purpose: _____

(What do you want to find out? This statement can begin with: "To")

Hypothesis:

(What you think will happen)

Materials: (List everything you will need to carry out the experiment, be very specific.)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Procedure: (Explain how you will do this experiment. Use details and number each step. All numbers need to be on the left hand side)

1. _____

(TURN PAPER OVER)

Walteria Elementary School

Return this completed proposal to your teacher by January 27, 2012.

Student's name _____

Parent's signature _____

Teacher's signature _____ (Signifies approval)

Walteria Elementary School

Name _____

Results: (What happened when you performed your experiment? Remember write only what you observed. Do not explain why.)

(On your display board remember to use charts, tables, or graphs to show the data you collected as well as words to show your results.)

Conclusion: (Was your hypothesis correct? Explain why or why not. What did you learn? When you draw a conclusion, you need to decide whether the data you collected supported your hypothesis or not. Be sure to use scientific words.)

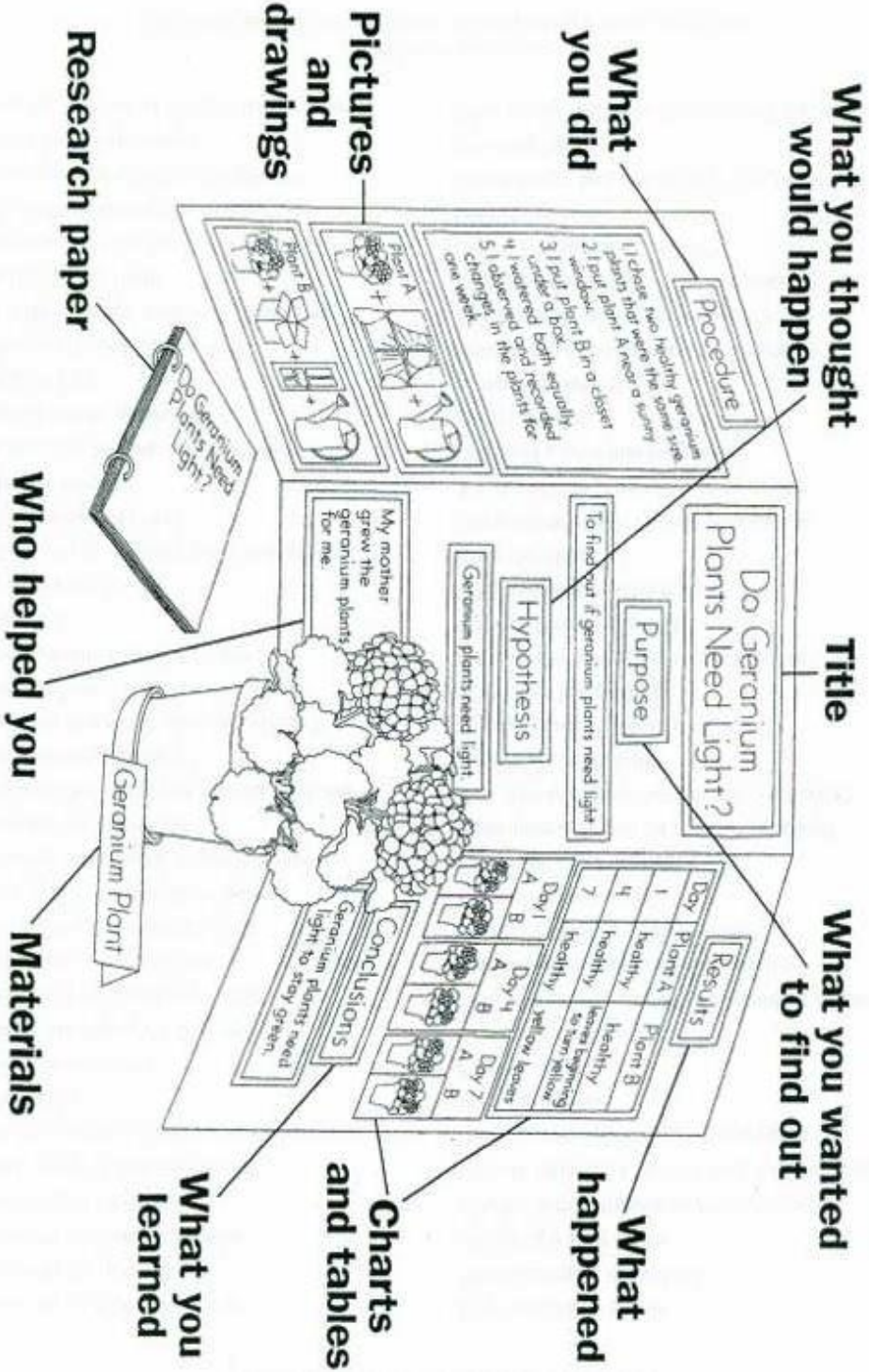
Return this completed form to your teacher by February 14, 2012.

Student's signature _____

Parent's signature _____

Teacher's signature _____ (Signifies approval)

Displaying a Science Fair Project




Problem/ Purpose
State the problem you meant to solve.

Project Title
by
Your Name

Results
What did you learn from your work?
Explain your data.

Hypothesis
State your hypothesis.

Data & Graphics



Display your data and pictures in this area.

Graphics are very effective for explaining results.

Conclusions
Was your hypothesis right or wrong? Can you make a new one?

Procedures
Explain the experiments you did. What? How? Why?

Recommendations
From what you learned, would you try anything new?

~~ Science Fair Board Layout ~~
Experimental Project

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Displaying a Science Fair Project

