ARLINGTON ELEMENTARY SCHOOL
17800 Van Ness Avenue
Torrance, California 90504

February 2010

To: Arlington Students and Parents

From: Vicki Roloff, Principal

Subject: **SCIENCE FAIR**

The Arlington School Science Fair will take place:

THURSDAY, MARCH 25, 2010 Projects are due in cafeteria for judging.
Viewing for parents from 6 –7p.m.

The purpose of the Science Fair is to encourage students to develop a greater interest in science and technology and to develop skills in critical thinking, research, problem solving, and use of scientific methods. We encourage all students to take part in this hand-on learning experience. While teachers will be available to advise students, the initiative and responsibility belongs to the student.

Parents may assist their children with their projects. We suggest that parent's participation be limited to that which assists the child's mastery of the concepts of his/her project. Each student needs to be able to explain and/or demonstrate his/her project when called upon.

The following information and material will assist the child in the completion of an interesting learning experience.

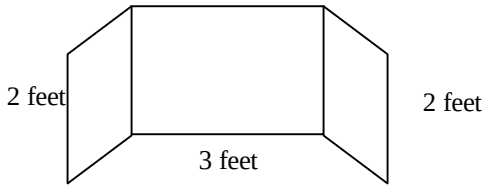
<u>Student Planning Tips</u>

Once your project has been chosen and approved by your parents, the following steps will help you to organize and complete your project:

1. Write out your procedure (steps to be taken).
2. If you are doing an experiment, make a guess (hypothesis) about what you think will happen.
3. Gather your materials.
4. Perform your experiments.
5. Record your observations.
6. What did you learn or find out by doing this experiment?
7. See if your original guess was correct.
8. Prepare a written report to include with your display
9. Plan and set up your display. A good display will clearly show what you learned from your investigation. It should have a title and state the questions you tried to answer. Your model, collection, observation, demonstration, or experiment should be set up to answer the question.

Observation records should be included (if they are appropriate for the project).

10. Space requirements - maximum size (projects may be smaller)



Your display must support its own weight. Pictures, graphs, photographs, and diagrams may be used to make your display attractive.

Suggested Fields to Investigate

1. Physical Science: This includes light, sound, electricity, magnetism, mechanical energy, chemistry, atomic and nuclear energy, heat and force.
2. Earth Science: This includes weather and climate, geology, astronomy, space and conservation.
3. Biological Science: This includes plant life, animal life, man and physiology, health and safety.
4. Consumer Science: This includes product comparison, investigating product claims and product reliability.

General Safety Rules

1. Experimental work with animals must be in conformity with proper and humane procedures, also cages must be locked.
2. No dangerous or flammable chemicals, open flames, or live poisonous animals are allowed.

Awards

Each student submitting a project in his or her classroom will receive a participation award. Six represented projects will be selected from those on display and will be sent to the District Science Fair that will be held on Thursday, April 1, 2010.

Please tear off and submit with your project.

_____ _____ _____

Student's First and Last Name Room Number Grade

Please circle the "Field" or Category of your project:

Physical Science **Earth Science**
Biological Science **Consumer Science**

Project Title: