

8th Grade Environmental Science/CA Project

1. The **Freeman Middle School Science Fair** will be held **Wednesday, March 6, 2013 from 1:15-2:45PM** and from **5:00-6:30PM** in the Freeman Elementary Multipurpose Room.
2. Each 8th grade student will be required to research, design, display, and present a project dealing with an environmental issue. In addition each project will include a scientific investigation (controlled experiment, field study or three-dimensional model) and a mathematical analysis. Students will also explore a career related to their topic.
3. **Research papers and abstracts are due February 19th, project presentations will take place February 25th-March 1st.**
4. Projects will include a cover page, 4-5 page research report (see requirement list), abstract and display board. This will be a large part of both your Science and CA grade!
5. You will be allowed to work on these projects in pairs or individually. If you choose a partner, you must be in both Science and CA together. Mrs. Poindexter, Mr. Allen and Mrs. Preble have the final say on partnerships and those partnerships that don't work will be absolved and you both will have to complete a project independently.
6. The following are a few project ideas:

Water-related:

- Water Conservation
- Aquifers
- Water Rights
- Watershed Planning
- Lake Restoration
- Mining Impacts on Water
- Drinking Water Sources
- Water Pollution
- Water use in Agriculture
- Waste Water Treatment
- Water Reclamation
- Fish Habitat

Air-related:

- Ozone
- Radon
- Global Climate Change
- Alternative transportation
- Asbestos
- Industrial pollution
- Indoor Air Quality
- Outdoor Air Quality
- Agricultural Field Burning

Solid Waste-related:

- Hazardous Waste
- Business Waste Reduction
- Municipal Composting
- Household Composting
- Alternative Building Materials
- Waste-to-Energy Plant
- Recycling
- Landfills

Environmental Health & Other Topics:

- Energy Use & the Environment
- Alternative Power Supplies
- Soil Erosion
- Food-borne Illness
- Sewage Systems
- City Planning
- Invasive species
- Agricultural Practices

(Please sign and return bottom portion to Mrs. Poindexter or Mr. Allen)

Member(s)	
Project Topic	
Parent Signature/Date	