

Suggested Timeline



SAMPLE AWARD WINNING DISPLAY

Month 7

Plan project and begin research experimentation

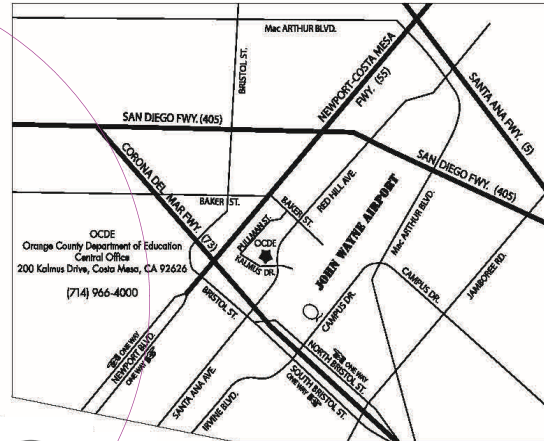
Month 8

Further research, continue project, write paper

Month 9

Complete project
March 15 - EXPO

**Turn in Entry Forms by
Friday, March 4**



Directions:

From the South: Take 5 N Fwy to 405 N to 55 S. On the interchange, take the Baker offramp. Turn left onto Baker. Turn R onto Redhill. Turn R onto Kalmus (next light). Turn into the third or fourth driveway on your right (look for the balloons and signs) and follow the driveway to the back - building D.

From the North: Take 405 S, exit Bristol, turn right off the offramp. Turn left onto Baker and follow directions above.

From the 55 South: Exit Baker and follow directions above.

CHEP EXPO EXTRAVAGANZA



Tuesday

March 15, 2016

4:00 p.m. - 8:00 p.m.

**Orange County
Department of Education
200 Kalmus Dr., Building D,
Costa Mesa, CA 92626**

*EXPO Entry Forms are available at the
CHEP sites or online at:
<http://ocde.us/chep>*

Project Displays



EXPO showcases student research and experimentation. Science and Social Studies projects can be judged or non-judged. All judged projects will receive a ribbon, and the top projects will be awarded the Grand Champion ribbon. Students may also showcase home arts, crafts, and other types of projects.

These websites have lots of ideas for science projects:

<http://www.sciencebuddies.org>

<http://school.discovery.com/sciencefaircentral/>

Variety Show

Make sure to check out the Variety Show at EXPO! Students from CHEP will be showcasing their many talents and you won't want to miss it. Performances will be happening throughout the evening, so make sure to view the schedule when you arrive.

If you are interested in being part of the variety show, please call 714-327-1010 to sign up for an audition time. Audition appointments will be held at CHEP Central on February 1.



Bottle Rocket Launch



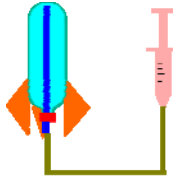
Get ready to blast off at EXPO! Here's a chance to learn about Newton's *3 Laws of Motion*. This year's scientists will launch homemade water bottle rockets. The winners will be those whose rockets stay aloft the longest. CHEP will provide an open-neck launching tube rocket launcher and bicycle pump with pressure gauge for the contest. Bottle rockets should consist of the main body, nose cone, fins, and recovery (parachute.)

Please see the 2016 EXPO flyer for additional information or contact Cris Hatfield at CHEP North (714) 245-6462 with additional questions.

C
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P

EXPO Extravaganza & Variety Show

2016



Tuesday, March 15, 2016

Orange County Department of Education

200 Kalmus Drive, Bldg. D, Costa Mesa



Share your projects and talents with other CHEP families and teachers.

We are asking all students to please participate.

Any type of project may be submitted: Science, Social Studies, Cultural Art, Photography, Arts and Crafts, and Collections.

Projects may be done as an individual, family, or as a group.

Individual Science and Social Studies are the only projects eligible to be judged. All judged projects need to include a written report and display board. They may also include a model. Ribbons will be awarded to all winners of judged projects.

Share your talents at the Variety Show! Sing, dance, act, or play an instrument, all are welcome! Look through the packet for the audition information.



Important Information

Friday, March 4- Entry and competition forms due to your CHEP teacher.

Monday, March 14 -All judged Projects to OCDE between 10 a.m. and 2 p.m.

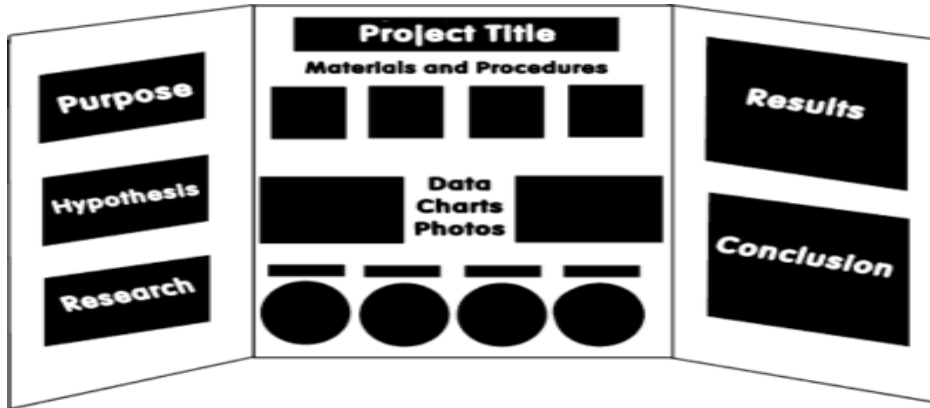
Monday, March 14 or Tuesday, March 15 from 10 a.m. to 2 p.m. All other projects to OCDE



CHEP EXPO Extravaganza

2016 Entry Form

Tuesday, March 15, 4:00p.m.—8:00 p.m.



This form must be turned in to your CHEP teacher by Friday, March 4.

Name: _____ Grade: _____

CHEP Teacher: _____ Site: _____

Other names and grades (for Group project) _____

Parent Contact: _____ Phone: _____

Email: _____

Title of Project _____

Type of Project _____

CHECK ALL THAT APPLY TO YOUR PROJECT	YES	NO
Electrical outlet needed (please bring surge protector or extension cord)		
I'm bringing live animals for my project (they MUST be in an enclosure)		
I have both a display and a report, and would like my project judged. (Due at OCDE , Building D, between 10:00 a.m. and 2:00 p.m. on March 14). Projects delivered outside of this time schedule will be shown with the other non-judged projects.		
I would like to present my project in the presenters room. Please assign me a time.		

- Please provide an estimate of the total number in your party (including yourself and family) _____
- Food will be available for purchase. Do you think you will partake in the food at the EXPO? (Y/N) _____
- If so how many people are planning to eat in your party? _____

In Order for all Families to enjoy your child's contribution, please do not remove projects from EXPO before 7:30 p.m.—Thank You!



Rubric for Judging

What the judge looks for when scoring

DISPLAY:

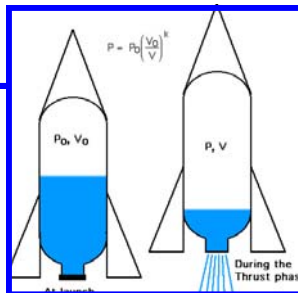
- A. Title and intent are clearly conveyed
- B. Graphics are relevant and clearly support the topic
Overall appearance/ organization of display
The display may include a model or display materials used in an experiment or talked about in a social studies project
- C. Degree of difficulty and originality
- D. Science only: Results are carefully recorded and give support to the conclusion
- E. Age appropriate display

Testable Question	TITLE	Data Analysis
Hypothesis	<u>Data/Results</u>	
Materials Used	<ul style="list-style-type: none">• Graphs• Data tables• Pictures	
Procedure		Conclusion

REPORT:

- A. Report is clear and coherent; may be supported with graphics
It should be placed in a separate folder
- B. Provides significant details to support the topic and thesis
This is background research about the topics used in the experiment or about the social studies topic
(For example, a science fair project on plant growth should contain research on photosynthesis, phototropism, etc.)
- C. Ideas and events are presented in logical order
- D. Contains correct grammar, mechanics, punctuation, and spelling
- E. Age appropriate writing

EXPO 2015 COUNTDOWN FOR BOTTLE ROCKET LAUNCH



Get ready to blast off at EXPO. Here's a great chance to learn about Newton's 3 *Laws of Motion*. This year's scientists will launch homemade water bottle rockets. The winners will be those rockets that stay aloft the longest. CHEP will provide an open-neck launching tube rocket launcher and bicycle pump with pressure gauge for the contest.

The requirements for the water bottle rocket are as follows:

1. The volume of the bottle must not exceed two liters or be less than one.
2. The neck of the bottle must be compatible with the launch mechanism, which is designed to use a two-liter bottle.
3. No metal or glass parts may be used anywhere in the rocket's design.
4. Launch pressure cannot exceed 60 psi.
5. Each flight will be timed from the moment of launch until touchdown of the main rocket body.
6. Pressurized water is to be the only power source.
7. Protective eyewear must be worn at launch.

Bottle rockets should consist of the main body, nose cone, fins, and recovery system (parachute.)

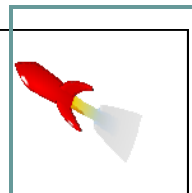


EXPO 2015 Bottle Rocket Launch

Entry Form Due: March 4, 2015 to your CHEP teacher

Design your Rocket and see how high it can fly!

There will be 2 competitive groups: (TK-4th and 5-8th)



Name :

Phone:

Grade:

CHEP Teacher:

Site:

ANNOUNCING

CHEP Variety Show @ Expo Auditions

On

Monday, February 1, beginning at 10:00 a.m.

Categories: *Singing* *Comedy* *Instrument*
 Dance *Poetry*

Rules:

- **No lip syncing please.**
- If using a CD, please bring it and mark what number song you are using.
- Song choice and clothing should be appropriate for K-8 audience.
- Please bring printed copy of lyrics to audition.
- Costumes are not necessary for tryouts.
- Maximum of 3 minutes per act.

If you are interested in trying out, please **call the CHEP Central paraeducator at (714) 327-1010 to sign up for an audition time.** Auditions will begin at 10:00 a.m. and will be the only day for auditions.

* Please make sure you are available on **Tuesday, March 15 between 4:00 – 8:00 p.m.,** for the CHEP Annual Variety Show at EXPO!