



Great Information Jewels You Don't Want To Miss!

Treasures for Teachers

TREASURE CHEST NEWSLETTER

Please **RECYCLE** this newsletter by passing it on to a friend.

Activity of the Month

OOEY, GOOEY, OOBLECK



Ooey, Gooey, Oobleck will capture your students' imaginations. Guide your students as they:

- Conduct a **careful investigation** of this Non-Newtonian fluid
- **Make predictions**
- Sharpen their **observation skills**

See the bottom of the NEWSLETTER for attached handout.

April 1, 2008

What's In This Issue?

Activity of the Month
OOEY, GOOEY, OOBLECK

Upcoming Workshops

- Science Take-Home Bags
- Kid Friendly Report Design
- Project Learning Tree
- Introduction to Internet Resource Materials

What's In Stock?

Free classroom materials!

Things To Know About

- Forestry Institute for Teachers
- Genomics Workshop

Spider's Prey

Web Site of the Month—ZOOM

Upcoming Workshops



Science Take-Home Bags

What can you do with a convention bag? Attend this workshop and find out!! We will provide the bags and ideas. You will provide some imagination!! This 2 hour workshop will be held at the Resource Center from 7-9 pm on April 2 & May 28, 2008

Kid Friendly Report Design

Looking for a more interesting way for your students to present science reports?

This workshop will introduce you to a fun, kid friendly report design. This 3 hour workshop will be held at the Resource Center from 6-9 pm on May 7, 2008



Come and see our extensive collection of science and technology curriculum that you can download for FREE!



Project Learning Tree

What do you do with a Tree Cookie?
Discover activities to increase your students' awareness and knowledge of the world around them as well as their place within it. Attendees will be provided a FREE 470 page Environmental Education Activity Guide. This 6 hour workshop will be held at the Resource Center from 6-9 pm on April 16 & 23, 2008

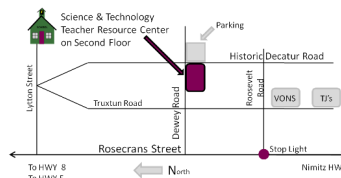
Introduction to Internet Resource Materials

The internet is loaded with FREE supplementary science materials. Find out where they are located in this hands-on workshop. This 3 hour workshop will be held at the Resource Center from 6-9 pm on April 30, 2008



Science & Technology Teacher Resource Center

Located at NTC Promenade (former Naval Training Center) in Point Loma, just off Rosecrans Street
**2825 Dewey Road # 205
San Diego, California 92106**



CALL 619-255-2912
for an appointment
to view the Center.

We can be reached at:
teacher@csgf.org

What's In Stock?

This is the place for teachers to obtain free classroom materials

- We currently have a large number of **convention bags** that are perfect for creating *Science Take Home Bags*.
- An abundance of brightly **colored large sized t shirts** have recently been donated.
- We have lots of **binders** to house your favorite science units.
- We have a wonderful selection of **NASA posters**.

Drop by to discover all of the wonderful treasures available to take back to your classroom!

Science is FUN

Why are chemists great for solving problems?

They have all the solutions.

What do you do with a dead chemist?

Barium

Spider's Prey

Web Site of the Month—ZOOM

PBS Kids has a website full of children's engineering projects.

Based on the daily PBS television show the website is full of materials to motivate kids to, "explore, experiment, and share their creativity." Targeted at kids six to twelve the materials include both science and engineering explorations. A training manual is available for Clubzoom that explains how to engage kids in engineering activities.

<http://pbskids.org/zoom/printables/activities/>

Questions, comments, or to add or remove yourself from the mailing list
email us at teacher@csgf.org or call **619-255-2912**

Things To Know About!

Science programs you don't want to miss

The application deadline has been extended for this amazing program!



THE FORESTRY INSTITUTE FOR TEACHERS (FIT)

is a multi-day residence workshop held at 4 northern California locations.

"The goal of FIT is to provide K-12 teachers with knowledge, skills and tools to effectively teach their students about forest ecology and forest resource management practices. The program brings together natural resource specialists and teachers from rural and urban settings for one week, working side by side to gain a deeper understanding of the intricate interrelationship of forest ecosystems and human use of natural resources. . . .

"All meals and lodging are **free**. Teachers are provided with extensive classroom and curriculum materials, and a \$200 stipend on completion and implementation of a forest related curriculum unit or project conducted in their classrooms. . . .

"The FIT program is intricately correlated with the California Department of Education's subject area standards, Frameworks for Science and Social Science, and goals for Environmental Education. The program empowers teachers to foster conceptual learning, critical thinking and decision-making skills in their classrooms. . . .

"FIT endeavors to provide *balanced, science-based education* vital to the understanding of how decisions are made about management of forests and the natural resources upon which humans depend. Environmental education, integrated into student's entire education, can help them learn how to make choices and decisions about issues like forest health, ecosystem management, consumption and local economies."

For more information go to FIT www.forestryinstitute.org

GENOMICS WORKSHOP FOR EDUCATORS

The J. Craig Venter Institute's Genomics Workshop for Educators is designed to give teachers a thorough understanding of genomics so that their students can become familiar with this rapidly developing and multifaceted field. Teachers will have the opportunity to work with cutting edge technology with instructors from J. Craig Venter's Lab.

The Workshop will be held at the J. Craig Venter Institute Labs, 10355 Science Center Dr, La Jolla CA
On Tuesday July 29 through August 1, 2008 from 9:00AM to 4:00PM.

Contact Shirley Kimmich at skimmich@cox.net or 619-846-8465 for more information.

Genomics is a rapidly developing and yet widely misunderstood field that is creating changes in medicine, business, and agriculture on a scale analogous to the industrial revolution. Students and teachers who have an understanding of genomics can appreciate the impact it is making on our society and make informed decisions about the issues it raises.

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Ooey, Gooney, Oobleck

Materials

Goggles	Food coloring	Newspaper to cover the work area
Borax	Plastic spoons	
Distilled water	Plastic cups	
White glue	Zip- close bags	

Part One - done with the lab group

Step 1: Measure 3 teaspoons of Borax into 1 cup of water and stir with a spoon until dissolved. If all the borax dissolves add another teaspoon. When no more borax will dissolve the solution is **saturated**.

Step 2: Together choose the color to use and ask your instructor to add 3 drops of food coloring to the mixture.

Part Two - done as individuals

Step 1: Put 6 teaspoons of white glue into a zip-close bag with an equal amount of water.

Step 2: Add 3 teaspoons of the borax-water mixture and mix well in baggie for about 2 minutes.

Step 3: You may now take it out of the bag and explore it.

Part Three - try:

Rolling it.

Listen to it when it moves.

Twisting it.

Use your senses to observe it.

Squeezing it.

Do Not taste your Oobleck!!

Questions To Think About

How does it feel?

What happens when you drop a ball of Oobleck?

What temperature is it?

What happens when you leave it on some newsprint?

Does it flow like water?

What happens to it if you leave it on the table for a few minutes?

What happens if you pull it slowly?

What happens if you pull it fast?

Do NOT put your Oobleck down the drain!

Wrap it in paper towels and throw it away.

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