



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 Snowball Fight



Spring is in the air and flowers are blooming. Give your students one last chance to have a snowball fight—indoors and minus the cold!

Snowball Fight will capture your students' imaginations. Guide your students as they:

- **Engineer** a machine that is able to launch a snowball at a target.
- **Keep records.**
- **Learn** about the simple machine—levers.

See the last page of the NEWSLETTER for attached handout.

Upcoming Workshops

Looking for something to brighten your teaching?

The Science & Technology Teacher Resource Center offers FREE science workshops to teachers! Join us for a few hours and add some new ideas to your science repertoire. Workshops are offered at our site or they may be scheduled at a time or place more convenient to you. We have received a generous grant that makes these workshops possible!



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 May 28 & July 2, 2008.

May 1, 2008

What's In This Issue?

Activity of the Month
SNOWBALL FIGHT

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
Donors Choose

Spider's Prey

Web Site of the Month—ERIC
Invitations to Science Inquiry



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

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 & June 18, 2008.



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 9am—3pm on Saturday May 31, 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 June 4, 2008.



What's In Stock?

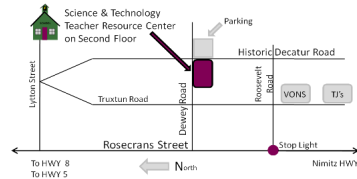
This is the place for teachers to obtain free classroom materials

- We currently have a large number of **convention bags** that are perfect for creating *Science Take Home Bags*.
- Biology teachers, we have been given an amazing assortment of **pipettes and pipette tips**.
- We have **binders** that are perfect for interactive notebooks and/or portfolios.

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

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

Science is FUN

How do sheep keep warm in winter?
They turn on the central bleating!

What do you get if you cross an elk with a packet of cocoa powder?
A chocolate moose!

What do frogs wear in the summer?
Open toad sandals!

+++++
The best way to have a good idea is to have lots of ideas."

--Linus Pauling,
American scientist

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

Spider's Prey

Web Site of the Month—Something special from ERIC

Education Resources Information Center (ERIC) provides free access to more than 1.2 million bibliographic records of journal articles and other education-related materials and, if available, includes links to full text. ERIC is sponsored by the U.S. Department of Education, Institute of Education Sciences (IES).

Among the many resources ERIC has available is a PDF treasure chest of activities and demonstrations by Tik L. Liem, *Invitations to Science Inquiry*. "In the teaching of a science concept, it is important for the teacher to arouse the student's curiosity. Once curiosity is aroused, the students will learn much more on their own than the teacher can ever teach them." This book is a collection of more than 400 activities and demonstrations to use to generate "I wonder" inquiry. Each activity includes a list of materials, the procedure, questions to be asked by the teacher, and an explanation of the event.

Things To Know About!

Science programs you don't want to miss

"What if there were a simple way to provide students with the books, technology, and supplies that they need to learn?"

What if people from all walks of life could connect directly with public schools, learn about specific classroom needs, and choose how to help?

DonorsChoose.org makes this possible.

DonorsChoose.org is a simple way to provide students in need with resources that our public schools often lack. At this not-for-profit web site, teachers submit project proposals for materials or experiences their students need to learn. These ideas become classroom reality when concerned individuals, whom we call Citizen Philanthropists, choose projects to fund.

Proposals range from "Magical Math Centers" (\$200) to "Big Book Bonanza" (\$320), to "Cooking Across the Curriculum" (\$1,100). Any individual can search such proposals by areas of interest, learn about classroom needs, and choose to fund the project(s) they find most compelling. In completing a project, donors receive a feedback package of student photos and thank-you notes, and a teacher impact letter."

How it works



Teachers ask
for materials and
experiences their
students need to learn.



Donors choose
to give to the classroom
project they find most
compelling.



Students learn
and then send you personal
thank-you letters and photos.

Snowball Fight



The snow has melted and flowers are blooming.
But with a little imagination
we can squeeze in one last snowball fight of the year!



- Popsicle sticks – small planks
- Rulers – large planks
- Film canisters - barrels
- Cotton balls – to simulate snowballs
- Marshmallows – to simulate snowballs
- Assorted Legos – bricks in limited numbers
- Rubber bands – NO FLYING RUBBER BANDS ALLOWED!!
simulated bungee cords
- Pencils – unsharpened for logs
- Plastic cups - target
- Paper clips - wire
- Washers - wheels

Using the materials provided,
you have the challenge of building a snowball throwing machine.
Can you create a machine that is able to launch a snowball (marshmallow or cotton ball) that can hit the plastic cup target?
Go to the following websites to get ideas on how simple machines called levers work.

<http://www.usoe.k12.ut.us/curr/science/sciber00/8th/machines/sciber/lever1.htm>
<http://www.dynamicsscience.com.au/tester/solutions/hydraulicus/simplemachineslevers1.htm>
<http://www.usoe.k12.ut.us/curr/science/sciber00/8th/machines/sciber/lever2.htm>
<http://www.dynamicsscience.com.au/tester/solutions/hydraulicus/simplemachineslevers6.htm>
<http://www.usoe.k12.ut.us/curr/science/sciber00/8th/machines/sciber/lever3.htm>
<http://www.dynamicsscience.com.au/tester/solutions/hydraulicus/simplemachineslevers7.htm>

Keep records of how far your machine can launch a snowball and how accurate your machine is.

Copyright © 2008 by SGEEI
All Rights Reserved
