



MIND STRETCHING FUN!

About Us



November 2008 Newsletter

Sci-Tech Discovery Center gives thanks this season to our friends and supporters who share our desire to bring Mind-Stretching Fun(R) to our community. Enjoy this November eNewsletter. Don't miss the monthly science experiment at the end!

Support Sci-Tech



Making the List...

Preview Exhibit



Help us inspire a new generation of engineers, innovators, scientists and educators by remembering Sci-Tech Discovery Center this season. Do these people describe anyone on your gift list?

Fun Stuff



- A budding scientist or future engineer?
- A friend or relative who really has it all?
- A parent who says, "Don't send me a gift. Just make a donation in my name somewhere?"
- A grandchild who would love a local science and technology museum?

A contribution to Sci-Tech Discovery Center, a 501(c)(3) non-profit organization, can help bring a lasting gift to your loved ones and our entire community. Join members of our community who have made gifts from \$5,000 to \$25 to support the important mission of bringing hands-on discovery experiences in the essential areas of science, math and technology to kids of all ages and backgrounds.

Speaking of Snow...

Sci-Tech Discovery Center participated in the first annual North Texas Kids Family Expo on Saturday, November 15 at the Plano Centre. More than 2000 families learned about polymers and molecules while mixing and playing with the Sci-Tech Magic Snow. Visit www.mindstretchingfun.org to see the photo album.



Mixing Snow at NTE

In October, students at Williams High School in Plano learned about nanotechnology and created carbon nanotube structures out

of LEGOs as part of the HiTECCC *Engineering Your Future* event. Thank you to Dr. Elizabeth Marley from the Lyle School of Engineering at SMU for leading the Sci-Tech Discovery Center session.

We'd Love to See Your Face

On Facebook, that is. If you are one of the more than 60 million active users of this social networking tool, be sure to [sign up as a fan](#) of Sci-Tech Discover Center. We'll use this space to post information about upcoming events and exhibits.

Giving Thanks

Help us thank these dedicated members of the Sci-Tech Board of Directors who work with great dedication and energy to make the vision of Sci-Tech Discovery Center a reality.

Lara Ashmore, Phd, Inspire Brilliance
Roger Buss, Tatum Partners
Melody Cadungog Schmidt, DART
Laura Curran, Community Volunteer
Monika Davis, American Heart Association
Carole Greisdorf, Communications Consultant
Rob Hale, Fulbright & Jaworski, LLP
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Cindy Kirsch, Prince of Peace Catholic School
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Craig Poole, Overture Networks
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Maura Schreier-Fleming, Best@Selling
Karen Schultz, Public Relations Consultant
Heather Sprock, Community Volunteer
Rick Tett, Candora LLC
Jeff Wacker, EDS
Byron Williams, Texas Instruments
Dave Woollums, Emerson Process Management

Calling All Peanut Butter Lovers

Sure, it may be the season of turkey, stuffing and pumpkin pie, but honestly, who doesn't crave a peanut butter sandwich after eating leftovers for three days? Good thing November is official peanut butter lovers' month. In honor of this sticky, delicious concoction, our monthly experiment involves this favorite ingredient. This is another easy one you can do at home.

Which foods are fatty? Here is an easy way you can tell.



Nanotubes at HiTECCC

Items needed:

- Brown paper grocery bags cut into small squares
- Margarine
- An apple
- Potato chips
- Peanut butter
- Honey
- A banana

Instructions:

1. Rub a bit of each kind of food onto a separate brown paper bag square. Be sure to label each square.
2. Leave it for a couple of hours.
3. Examine the paper on both sides.
4. What has happened?
5. Why do you think it happened?

You will notice that some of the spots are dry. Some of the others will be greasy and the spot will be spreading. Both water and fat make a spot on paper by filling in the spaces between the fibers of the paper. When the water in the spots made by foods with water evaporates, the spot becomes dry. The spots made by the fat, however, do not dry as the fat globules can only be broken down by soap or some kind of solvent such as ether. For this reason the fat spot remains and spreads while the water spot disappears. Which foods left the largest spots?