



Learning at Home

February 2008

Water Plant Tour

In the winter the SF water plant purifies and distributes 17 million gallons of water a day (50 million in the summer). Of that 17 million gallons, 6 million comes from the Big Sioux and 11 million comes from wells. In the "olden days" the workers at the plant had a huge computer room where they had to check meters manually to assure the plant was running smoothly. Now everything is on computers - and this is where our tour started - in the computer room (above picture). Next we went upstairs to see the huge tanks where the silt and debris is removed from the river water. This process takes about 45 min. After the silt and debris is removed from the river water, gravity carries it to a huge room where one of the six, 375,000 gallon, basins combine the river and well water. In these basins lime is added to the

water to raise the pH. This process takes around 1 hour. Then the water is carried to a room where the pH of the water is stabilized. Next the water goes through further filtering and then is carried to a huge underground holding tank where fluoride and chlorine are added to the water. When the water has had time to absorb the additives, it is carried through huge pumps and distributed. The total time it takes for water to enter the plant and go through the purification steps is about 2 hours in the winter.

*Photo Available
on Secure
SDHSA site only*

Welcome:
*New Family Names
on Secure
SDHSA site only*

Opportunities Offered by Other Area Groups and Businesses

- The Washington Pavilion of Arts and Science gives free admission to [Cinnedome](#) movies to all homeschooling parents. Just present your exemption certificate (along with photo ID) at the box office to receive a free ticket. This offer does not apply to students or family members.
- Please see the SDHSA site under News to get a full listing of discounts or offers available to our group

And thanks to the families who renewed!

- Angela Harris is a home schooling mom who has started Strive Training and Rehabilitation, LLC as an independent Interactive Metronome provider. For those not familiar their website is: www.interactivemetronome.com and you can contact Angela at 605-743-5679 or email strivetrainingandrehabilitation@yahoo.com. She is offering half off to homeschooled families.

Science Idea

Balloon Hovercraft

Items:

- * an empty thread spool
- * a 4-inch piece of cardboard
- * glue
- * a pencil
- * a balloon

1. Glue the empty spool to the piece of cardboard.

2. Use the pencil to punch a hole in

the cardboard, so it lines up with the center of the spool.

3. Take a huge breath and blow up the balloon. Pinch the neck of the balloon, but don't tie it.

4. Now, stretch the bottom of the balloon to the top of the spool. Let go of the balloon neck, and watch the hovercraft lift off!

http://pbskids.org/dragonflytv/superdoit/balloon_hovercraft.html

Submitted by: Tamara

How far can you make your hovercraft glide filling the balloon only once? (Results from pbskids.org)

15% 1 foot

19% 2 feet

64% more than 2 feet!



Photos Available
Only on Secure
SDHSA Site

CiCi's Tour

There was a great turnout for the CiCi's tour. The tour started off with some facts about CiCi's and pizza. Jeremy, our tour guide, told us that there are 350 slices of pizza eaten every second!

Since we were a large group we were divided into 2 groups. There were 27 kids there. In the first picture you can see most of the group. We took up 2 large tables and 2 smaller tables! On the tour the kids got to see Maria making their cinnamon twists. Jeremy explained how all of their products are CiCi's packaged to ensure the same quality at all their stores and showed the group some of the products used.

After the tour the kids washed their hands and then had their creations cooked. One fell on the floor—the kids thought that was hilarious!

Once the kids were settling down eating Jeremy told them they each received a few gifts. They received a picture to color, a magnet with a free buffet on it, and a shirt. He told them when they came in the next time to wear the shirt and they'd get a free buffet and when they came it to bring in the colored picture and they would also get a free buffet. Several of the kids cheered!

Our next tour is Great Western Bank on February 21st at 1:30. Please look on the SDHSA website or the yahoo group for more information.

Recipe Corner



- 1 Can Crushed Pineapple
- 2 bags frozen fruit (peaches)
- 1 box white cake mix
- 1/4 c brown sugar (approx)
- 1 stick butter melted
- Nuts/Rasins (Optional)

February Birthdays

*Available only
On secure
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Grease a 9x13 pan. Pour the can of crushed pineapple with the juice in the pan. Spread out. Layer one bag of fruit on top. Spread out. Dump the white cake mix box on top and spread out. Add the other bag of frozen fruit on top and spread out. Sprinkle the brown sugar and add the rasins and/or nuts. Pour the melted butter on top. Bake in the oven at 350 for about an hour.

This is great as is. You could also serve with ice cream or cool whip.

You can use a variety of frozen fruit.

A similar recipe was seen on PBS. This was submitted by Becky

Special congratulations to the SDHSA kids who placed in the 2008 Home School Spelling Bee competition: Rachel Larsen, who tied for first place on the written test and came in first in the oral spelldown in the 3rd-4th grade division, and Brennan Benson, who took third place on the written test and tied for third place in the oral spelldown in the 5th-6th grade division.

Kid Get to Know

*Available only
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SDHSA 2007 Treasurers Report

Beginning Balance : \$821.87

Income

- * Memberships : \$521.48
- * Special Donations : \$0
- * Non-Member Fees : \$0
- Total Income : \$521.48

Expenses

- * Phone line : \$43.94
- * Printing and Postage :
 - Directory : \$29.03
 - Business cards : \$13.75
 - Gifts : \$25.80
 - Other : \$16.30
 - Total P&P : \$84.88
- * Website : \$132.42
- * Events :
 - Valentine Party : \$45.41
 - NBTS Picnic : \$83.00
 - Halloween Party : \$24.93
 - Crafts : \$17.26
- Total Events : \$170.60
- * P.O. Box : \$68.00
- * New baby gifts : \$99.15
- *Donation to Bowden Youth Center : \$50.00
- *Gym Equipment : \$21.00
- Total Expenses : \$669.99

Year End Balance : \$673.36



If you have a suggestion for a tour or activity that the group could do or if you have a skill you'd like to share with the group please let a leader know

Please send any newsletter submission to becky@sdhsa.org by February 23rd so it can be included in the next newsletter

Please check online for upcoming fun events!

If you forgot your online username and password please email Melissa@sdhsa.org

Please note some activities have an additional fee—please see online for full information

Contacts

Voicemail: 605-610-4461

All messages will be returned by an SDHSA Leader

Web Site:

<http://www.sdhsa.org>

Address:

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Sioux Falls, SD 57101

Yahoo Group:

<http://groups.yahoo.com/group/SDHSA>

Treasurer: Crystal

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Secretary/Tours: Penny

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Crafts: Tamara

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angie@sdhsa.org

February 2008						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5 1:00-3:00p Craft & Play at the YMCA	6	7 6:30 Thursday Night Dine, Plan, & Chat	8 1:30-3pm Swimming	9
10	11	12 Valentine's Day Party	13	14	15	16
17	18	19 1:00-3:00p Open Play at Backyard Adventures	20	21 1:30 Tour of Great Western Bank	22	23
24	25	26 1:00-3:00p Gym Time	27	28	29	