



...where education, tradition, and caring go hand in hand.

September 22, 2005

Contest: A New Sign for a New Year

HDI is sponsoring a contest to design a new sign for the lawn outside the school building. All students and families are encouraged to participate.

The rules are as follows:

- The dimensions of the sign are 4' high by 6' wide.
- It must be colorful, eye-catching and inviting.
- It must include the following information:
Hebrew Day Institute
1840 University Blvd. West
Silver Spring, MD 20902
301-649-7870
www.hebrewdayinstitute.org
- The school logo (tallis and hand) has to be included.
- The sketches do not have to be to the size of the sign, but should be to scale – they can be drawn on

any size paper.

- Student, family name and phone number should be placed on the back of the entry.

Aside from this we encourage creativity that will help promote the message of the school.

A professional sign company will make the sign based on the winning design. The student's picture will be taken with the sign.

All entries must be submitted to Dina Korman by **Friday October 7, 2005**.

A panel of judges, including Cynthia Green, Executive Director of Har Tzeon Synagogue will choose the winning design.

Read-A-Thon for Hurricane Katrina Victims

This is the last week of the Read-A-Thon. Keep track of what your children have read through Friday, September 23.

Please bring pledges, reading log forms and payment to school next week. Forms and payments are due by September 30 so we can send the money to the hurricane victims.

Read-A-Thon materials can be brought to the school office or given to Mrs. Lempert.

Please make checks payable to: Jewish Federation of Greater Washington - Hurricane Katrina Fund. On your check, in the Memo area, please write: SDG06HK.

First Parent Teacher Organization (PTO) Meeting

The first Parent Teacher Organization (PTO) meeting of year will be on **Thursday, September 29th at 7:30 p.m.** It will be hosted at the Kline's new home in Olney. The address is 2104 Rose Theatre Circle, Olney, MD. 20832. (Directions are at the end of this article.)

The main agenda will be to designate officers for the

PTO Board and pass the new PTO By- Laws. PTO Offices that are still available are:
VP for Ways and Means
VP for Administration
Secretary

Current PTO Officers are:
President - Elisa Elfasi
VP for Administration - OPEN
VP for Programming - Edith Calem

VP for Ways and Means - OPEN
Treasurer - Bridget Silverman
Secretary - OPEN
Parliamentarian - Ina Kline
Teacher Liaison - Dina Korman

Please attend and you can make a difference.

Mishmar a PTO sponsored
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PTO

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after-school Chumash class, will be taught by Mrs. Faige Brody. The start date will be announced after the Holidays and more information will follow.

Directions to the Kline's house if you're going North on Georgia Avenue: The community is called Arden Woods.

Turn Right on Layhill (it veers off to the right just past Randolph Road at the Staples shopping center) and go 4.9 miles. Cross over BelPre/Bonifant and stay on Layhill. Cross over the intersection of Route 28 and stay on Layhill.

Turn Left onto Norwood Road (go 0.9 miles). Keep going straight and it turns into Doctor Bird Road (go 0.7 miles). This ends at Olney Sandy Spring Road (Route 108)

right in front of the Olney Theater.

Turn Left onto Olney Sandy Spring (Route 108) and go 0.2 miles.

Turn Right onto Old Vic Blvd. and go 0.1 mile.

Turn Left onto Rose Theater Circle.

If you get lost call Ina's cell 301-726-9541.



Science Explorations

By Sharon Turpie

Wanted: Empty two-liter soda bottles for a 4th grade science



project. Please rinse out your plastic two-liter soda bottles and have your students bring them to Mrs. Turpie or leave them in the office for her. Thanks!

pictures of different types of cells taken with special microscopes. Cells with different jobs have different shapes. There are even tiny plants and animals that are only made of one cell. We talked about the differences between plants and animals. Then the students made models of plant or animal cells.

volcanoes. Volcanoes are generally classified into three types according to their general structure, shape and lava type. We learned about shield volcanoes, cinder cones, and composite volcanoes. We made volcano puzzles and the students asked lots of great questions about them.

Kindergarten Science

Eyeballs. Giant Eyeballs. This week we began our unit on the five senses beginning with our eyes and the sense of sight. Students had fun going inside a giant model of an eye that actually worked. When light comes into the eye, it is focused by a lens onto the retina. It was fun seeing the image of people upside down. Your brain has to turn it over. We made paper eyes that model how the iris opens to let more light in at night and contracts to let less light in during the day. Some people's eyes don't focus properly on the retina and they need to wear glasses. We read a funny book *Glasses, Who needs 'em?* By Lane Smith.



Second Grade Science

This week we learned about plate tectonics. We learned how the Earth's crust is broken up into plates that drift on the gooey layer underneath. The Earth's continents and oceans ride on top of these plates. They students did "Play-Doh tectonic" experiments to learn what happens when plates meet. Sometimes they collide causing uplift like the Himalayas, sometimes the ocean plate is forced under in subduction zones, sometimes two plates slip past each other like in California, and sometimes plates will move apart in sea-floor spreading. The theory of plate tectonics explains how the continents and oceans slowly change. We then looked at maps of the earth and saw how the theory of plate tectonics is used to understand how deep ocean trenches, mid-ocean ridges and mountain ranges form. Then we began learning about volcanoes and how the theory of plate tectonics explains the formations of



We read used some great books. *How Mountains are Made* by Kathleen Zoehfeld and *Our Patchwork Planet* by Helen Sattler.

Third Grade Science

We began our study of meteorology by comparing weather and climate. Climate is what you expect; weather is what you get. Students learned about the five main climate types and where in the world each type is found. We live in a type C (temperate) climate. Students used their mapping skills to answer questions about climates. We also noticed that the world's climate types occur in bands of different latitude. To find out why, we 'sent' teams to Brazil, China, and Antarctica to take temperature readings. The students gathered their data in a chart. We talked about how the sun's rays come in at different angles at different latitudes.



First Grade Science

This week in first grade we learned that all living things are made of cells. We looked at



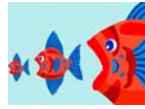
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Science

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Fourth Grade Science

In fourth grade we have been learning how energy moves through a biome. The students constructed a food pyramid to show how animals at the top of the food chain are supported by animals on lower rungs. Scientists model how much biomass is needed to support higher predators and still maintain a healthy base population. We did some calculations showing how this information can be used to estimate a population even when it is impossible to get complete data.

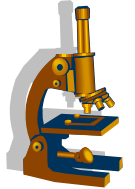


about the necessity of having measuring standards. There are also standard ways of using equipment so that the amount of experimental error is understood.



Students practiced using a variety of beakers, flasks and graduated cylinders to measure liquids. They learned how to read the measurements from the bottom of the meniscus. Then students learned how to tar out the weigh of a beaker or weigh paper when using a scale. Students were introduced to significant figures. They then had a quiz on these important lab skills.

learned how to prepare a specimen slide and to use the microscope. Over the next several lessons, we are going to be learning about the cell, organelles and cell processes. We started by comparing and contrasting plant and animal cells. We started with learning about membranes. Membranes are very important to life processes; most of them occur along membranes. It keeps the inside of a cell different from the outside. We started learning about the function and structure of membranes. We made a very simple 'membrane' with oil and water.

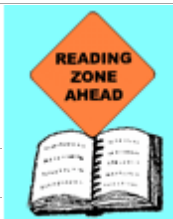


Fifth Grade Science

In the previous week we learned

Sixth Grade Science

The sixth grade students completed a lab on using microscopes. They



Media & Technology Center

By Robin A. Lempert



Kindergarten

This eager class has learned how to use the computer keyboard to type the letters they are learning to read. So far they can type 'C' 'O' and 'G' and are practicing how to touch the keys so the letter only types one time. They are also using learning about Paint tools and are using them to draw things that begin with 'C' 'O' and 'G' as well as to draw colorful geometric designs. During media center time we read two different stories about bears and compared and contrasted the action in the stories.

mation. We have been primarily working in www.enchantedlearning.org and finding information on frogs and toads. During media center time we completed our illustrations in the style of Caldecott artists. They will be displayed in the media center once they are dry. Please stop by to see them.

1st Grade

First graders are expanding their skills using the paint program's tools on the computers and are also learning to name and save their documents. During media center time they are continuing their discussions of story plots and we read one of my favorite books *And To Think That We Thought That We'd Never Be Friends* by Mary Ann Hoberman. The book is a story poem that pays homage to Dr. Seuss and shows how arguments can be turned into friendships joining all people across the world in a big musical parade. Music brings everyone together and by the end, the whole world is united in friendship. After reading the story we had our own musical parade around the media center.

3rd Grade

The third graders are using the computers to research their pond animals for their pond projects. They have also been practicing their keyboarding skills. During media center time we are talking about using key words to search for information in books.

2nd Grade

The second graders are continuing their work learning how to search through child-friendly websites for infor-

4th Grade

The fourth graders used the Internet to learn about the Dewey Decimal system of classifying books by viewing a website created by 6th graders that has a story about Dewey meeting an alien. As the alien and Dewey get to know each other, they refer to each of the Dewey categories of book classification. During media center time the students then tried their own hands at classifying non-fiction books into their Dewey categories and placing them on the shelves in the proper location. This then enabled them to find books they wanted to look at themselves.

Media & Technology Center

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5th Grade

Fifth graders have been practicing their keyboarding skills and are continuing to learn about searching techniques for the Internet. During media center time we are continuing to read the novel *Things Not Seen* by Andrew Clements.

6th Grade

This was an exciting week for the sixth grade as they began their online project studying with a class in Israel via the Building a Jewish World web site. We started by created our profiles and learning about the web site. We then looked at the first steps in the first module of the

program we'll be studying. During media center we have begun to read a novel together: *Al Capone Does My Shirts* by Gennifer Choldenko. The book won the Newberry honor last year. From the School Library Journal: "In this appealing novel set in 1935, 12-year-old Moose Flanagan and his family move from Santa Monica to Alcatraz Island where his father gets a job as an electrician at the prison and his mother hopes to send his autistic older sister to a special school in San Francisco. Family dilemmas are at the center of the story, but history and setting play an important part, too. The story is told with humor and skill."



After School Programs

After-School Clubs are now forming and this year we have a variety of exciting opportunities for your child. Clubs include magical science, sports club, games, math explorations, newspaper club, and much more. These enrichment opportunities can provide wonderful experiences for your child. Forms for all the clubs will be going home with the students this week. Please look through the forms and sign up today. Some of the clubs won't start until after the holidays but it's still wonderful if you would sign up now so we can make plans and have enough materials available. If you have questions about any of the clubs please e-mail Mr. Thompson at rthompson@hebrewdayinstitute.org. There's something for everyone! Look for the information and join a club today.

A+

We have found that the best way to have your Giant Food purchases count towards bonus bucks for our school is by filling out the cards that are available for you in

the school office. Our school's number is: 00723. This seems to be working better than the online system. Thanks!!

Open House

Dear HDI Parents,

The first Hebrew Day Institute open house for prospective parents is Thursday, September 29, 2005 at 10:00 a.m. Please feel free to invite any of your friends who might be interesting in learning about our Day School program. Thanks for your help!

Dina Korman,
Admissions Director

Writing for L'Chvod

To submit articles and information for the L'chvod, please send your information by email to Robin Lempert at rlempert@hebrewdayinstitute.org. Information must be received by Tuesday for each week's L'chvod.