

SHUTTLEWORTH TIMES

Inspiration through education!™

“ The process of learning is not just piling data on top of more data. It is one of obtaining new understanding and better ways to do things.”

- L. Ron Hubbard

B-17 Flying Fortress

The B-17 Flying Fortress, “Aluminum Overcast” airplane was at the Van Nuys Airport this last month. The fortresses were legendary for their ability to stay in the air after taking brutal poundings. They sometimes limped back to their bases with large chunks of the fuselage shot off. The first B-17s saw combat in 1941 in World War II. There were a total of 12,726 B-17s built over the years. Today, there are only 42 remaining intact “Fortresses” and only twelve of those still able to take to the sky.

The students were able to see something not many people today get to see; a B-17 in flight! As it taxied to the tarmac, the propellers created a very strong wind. Students stood with their arms stretched out as if they were planes themselves. The wind blew in their hair and their smiles lit up the day.

The students were allowed to go through the plane one time with their tickets. After touring the plane, Kirsten asked to go back on as she had left something behind. She was told that someone else would get it for her. She replied with a smile, “Nobody else can get it. I left my happiness on the plane.”

The students were not satisfied with one trip through the plane. Their enthusiasm encouraged the staff to allow the students through the plane over and over!



Josh and the B-17

Science Fair

Our theme was “How Things Work”. After weeks of preparing their science projects the students shared their work with parents and friends.

Using foam spheres, the primary students carved a line around the middle where the equator is. Then using the equator painted the different continents in their proper place. They demonstrated how the sun shines on the different hemispheres at different times.

Animal habitats were a favorite for our guests. Erik’s showed how a Mountain Lion must blend into his environment.

In Elementary, the parents walked in to see a robot performing various feats. Daniel explained the history of robots and where the word came from. Kirsten, Courtney and Hunter built a miniature steel plant and demonstrated how iron ore is made into steel.

The sun was the source of energy for G’vonne and Ty’s project. How does solar energy work and how does it affect the earth? These key questions were asked and answered by a small model to show how fast solar energy works to heat up water. Johnny showed how a robot could use solar energy.

Clocks are a common household item and most of us have forgotten how this basic technology works. Nabeel, Aaron and Uri built a real clock. Their project showed how the clock has developed throughout the centuries.

Well done to all our science developers! The future is yours!

CALENDAR

What?	Where?	When?
Mother's Day Celebration	School	5/11
Study Tech Seminar	School	5/12 7:00 pm
Sports Day	Burbank	5/13
Memorial Day	School Closed	5/26

Kites

With the prospect of visiting the B-17 Flying Fortress airplane traveling museum, our students learned about wind and lift and how these work together to help a plane take off. They used the simplest, yet most joyful toy in history—kites.

Kites have been around for thousands of years and they are a part of many different cultures around the world. Kites were one of children's earliest toys, before computers and Gameboys took over the Western civilization.

Mary's Schoolhouse students were thrilled to learn how to make kites from basic simple items such as, sticks and tissue paper. The students were amazed at how thin, gentle tissue paper could balance when folded like a sideways tent on their desks. This basic fold is an important part of making their kites and creates the "backbone" of the kites. Next came the tails and the question of how long they should be. They found out the tail of the kite needed to be four or five times the length of the kite. This raised the question as to why the tail was so long and the students quickly found out the tail of the kite, like the tail of a plane, is an important part of the kite. This enables the kite (or plane) to fly stably and soar through the sky!

The students were thrilled by the prospect of trying their kites out and it was off to the park. After many attempts the students were soon running hither and thither across the fields seeing who's kite could fly the highest.

Students stayed alert for the changes of the wind's direction. The older students helped the younger students get their kites up in the air. The happy and excited faces showed how much fun they were having.

Emil made his kite fly for quite a while. He ran all over the park with his kite in tow. There were so many kites flying in all directions, it looked like a swarm of butterflies. Their yellow kites with orange tails whipped around the sky. One could get lost trying to see which was which. The students were able to experience the feeling of flight and the hope that someday, they too, could fly up in the air as kites do.

I can fly. I can fly. I can fly!



Natalie, Daniel and Adam flying kites.

YESS!

Youth Excelling in Spirit of Service

NEIGHBORHOOD CLEAN-UP

Street clean-up time! The students of Mary's Schoolhouse participated in the community clean-up. With great exhilaration they took to the streets with trash bags in hand. The game was, who could fill their trash bag first. With laser vision, no trash was left behind. Adam and Federico's team filled two trash bags! Their neighborhood really can be beautiful and trash free!

Volunteers Needed!

Would you like to help with Sports Day? Please call and let us know what you are able to do.
(323) 660-8732

Thank you!

Thank you Ken Avner for all your support in making our flying experience a reality! Thank Charlie Hancock and the EAA, The Experimental Aircraft Association for making our trip such an incredible one! Thank you Tim Cummings for your help with the computers and Zandra Castaneda for your donation of the cable.

Your help is valuable and very much appreciated!

The world is our classroom!

Mary Shuttleworth
Founder

1334 L. RON HUBBARD WAY
LOS ANGELES, CA 90027
TEL (323) 660-8732
FAX (323) 663-2013

WWW.MARYSSCHOOLHOUSE.ORG
WWW.SHUTTLEWORTHACADEMY.ORG



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