

**GLOBAL FRIENDSHIP  
THROUGH SPACE EDUCATION**

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# ASTRO NEWSLETTER

## PSSP Videoconferences Highlights

### Mission Patches with NASA

Atasehir Doga College (Istanbul, Turkey) and Irvin Altman Middle School (New York City, USA) on March 13, 2015, one of the NASA videoconferences with Scott Anderson at Marshall Space Flight Center, was a resounding success. As you can see from the pictures - the children came dressed for the occasion as they show off their Mission Patch projects.

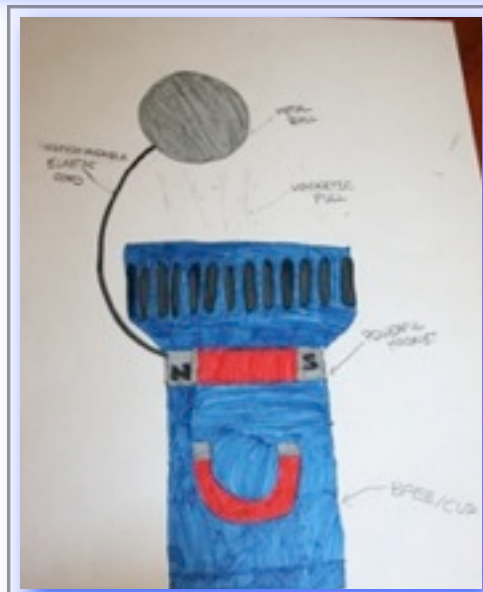


## By Sonia Bouchard

The members of the CWA Space Club had the opportunity to participate in a three-way video-conference with the NASA Centre in Alabama, USA and with our epals from Istanbul, Turkey on March 24<sup>th</sup>, 2015.

After having analyzed different toys we have on Earth and investigating how they could work in Space, the students showed their thinking skills by modifying a toy such as a Kendama, a dart game or even playing golf. The students worked hard on making blue-prints of what the toy or game would look like if played with little gravity.

Our next unit is entitled "Solar System Vacation" and we will have our next video-conference in April. Students are working on an original way to exploit this topic.





**By Elzbieta Gwiazda- Szer**

On the 18<sup>th</sup> of March there was a videoconference with the NASA space center in America, Kurtkoy Doga College (Istanbul, Turkey) and School4Child (Lodz, Poland).



Our school prepared for that during the classes conducted by Ms. Elzbieta Gwiazda-Szer. The classes and videoconference's theme was " Toys in Space ". In class, students learned about gravity and

microgravity. In groups, students sought answers to questions concerning the behavior of their toys in space. Their considerations related to a football, a jump rope, a kendama and a paper boomerang.

Our students proceeded with designing their own toys which have been modified in order to improve the fun efficiency in microgravity. There was a whole set of space musical instruments, Moon table tennis, Owl Jack's Yo-Yo and a Space Racquet. Our students also had the opportunity to meet with their ePals, with whom they are in touch via emails.



This is the fourth year we have been the members of PSSP - Partner School Science Program. The videoconferencing has been received with great enthusiasm by both our students and students from Turkey.

# Videoconferences

The Digital Learning Center has organized or hosted the following videoconferences in the recent months:

- March 4, 2015 - Turk College (Izmir, Turkey), MS126 NYC, USA- Human in Space
- March 5, 2015 - Mavişehir Doga Bilim (Izmir, Turkey) - Toys in Space
- March 6, 2015 - Sisli Doga College (Istanbul, Turkey) - Mission Patch
- March 12, 2015 - MEF School (Istanbul, Turkey) - Mission Patch
- March 13, 2015 - Ismail Kaymak School (Canakkale, Turkey) - Solar System Vacation
- March 13, 2015 - UST- ZEM Mozaik School (Istanbul, Turkey) - Mission Patch
- March 13, 2015 - Atasehir Doga College (Istanbul, Turkey) - MS172 - Mission Patch
- March 16, 2015 - Sanko College(Gaziantep, Turkey) - Mission Patch
- March 18, 2015 - Kurtkoy Doga College (Istanbul, Turkey) - School4Child (Lodz, Turkey) - Toys in space
- March 26, 2015 - Beykent Doga College (Istanbul, Turkey) - Mission Patch
- April 1, 2015 - Middle School 206 (NYC, USA) - Izmir Bahcesehir (Izmir, Turkey) - Toys in Space

We already have some videoconferences planned for the month of April, but we are expecting more registrations from both PSSP and FEP Schools.

- April 8, 2015 - Denizli ODTU College (Denizli, Turkey) - Mission Patch
- April 9, 2015 - Izmir Çakabey College (Izmir, Turkey) - Toys in Space
- April 10, 2015 - Sisli Doga College (Istanbul, Turkey) - Toys in Space





- April 15, 2015 - Children's World Academy (Quebec, Canada) and METU College (Ankara, Turkey) - Solar System Vacation April 16, 2015 - Selcan Ela - Solar System Vacation
- April 17, 2015 - Kemerburgaz Doga College (Istanbul, Turkey) - Solar System Vacation

## Photo of the Week

### A Beautiful Storm -

**Typhoon Maytak** - **Below:** This photo was taken from the International Space Station by European Space Agency and Italian Astronaut - Samantha Cristoforetti. This was taken at an altitude of approximately 450km above Earth's surface as the Stage 5 "Super Typhoon" races towards the Phillipines on March 31, 2015.

