



Global Friendship Through Space Education

YEAR 3  
ISSUE 2

# ASTRO

DECEMBER 08,  
2008

## Partner School Science Program Newsletter

**WELCOME TO **ASTRO**, THE PARTNER SCHOOL SCIENCE PROGRAM NEWSLETTER!**

Every other week when you check your mailbox, you will find a link to reach cool pictures, fun, facts, space news, and more in the **Astro** Newsletter.

Being part of the Partner School Science Program and getting the chance to talk to other kids from all over the world can be really fun!

To get the most out of it, make sure to e-mail your E-Pal after your teacher assigns you one.

Do you have something you would like to see in **Astro**? If so, ask your teacher to send an e-mail to [tyildirim@gftse.org](mailto:tyildirim@gftse.org) with the photo, story, or link. You might just see it in the next **Astro**!

Teachers can submit pictures and stories of their class to be included in the partner school highlights section!



This is **Astro**, the PSSP mascot. Please remember to take **Astro** to all your videoconferences and let him participate in all PSSP activities.

## **PSSP HIGHLIGHTS OF THE WEEK: Meet and Greet videoconference between Hobgood NASA Explorer School and Turk College**



The first "Meet and Greet" videoconference took place between Hobgood NASA Explorer School (Tennessee, U.S.) and Turk College (Izmir, Turkey) on November 25<sup>th</sup>, 2008.

Students introduced themselves and asked to see their E-Pals on the screen together face-to-face.

The two schools chose to work on the NASA topic "Mission Patch".

The school band in Tennessee shared a nice performance with Turkish students.

Students started e-mailing their partners to learn about each other.



Teachers from both sides joined in to experience this unusual event in their school.

On the left is the Turk College students' mission patch that they shared during the videoconference.

**STUDENTS HAD A LOT OF FUN MEETING THEIR PARTNERS VIA VIDEOCONFERENCE!**

## Students from the Science and Knowledge School (Karmiel, Israel)



Israeli students are working on the topic "Reduced Gravity: Effects on The Human Body" with their partner school Browne Academy (Virginia, U.S.A.).

The students will participate in a videoconference with NASA on December 15, 2008. There is one other PSSP school working on the same topic: Sanko College (Gaziantep, Turkey).



All three schools will have a videoconference with NASA on December 15, 2008. This will be the PSSP's first four-way videoconference.



Above, Israeli students are doing experiments about microgravity.

To the right you will see Sanko School students working on a microgravity experiment.



## SPACE STUFF: Observing the International Space Station (ISS) from Turkey, Israel, Bulgaria, or the U.S.A.

You can find out from following links when the ISS passes through your night sky.

<http://www.heavens-above.com/>

<http://spaceflight.nasa.gov/realdata/sightings/index.html>

You can see possible observation times for Izmir, Turkey, and you can check out information for your city.

### ISS - Visible Passes | [Home](#) | [Info.](#) | [Orbit](#) | [Prev.](#) | [Next](#) | [Help](#) |

Search period start: 00:00 Thursday, 4 December, 2008

Search period end: 00:00 Sunday, 14 December, 2008

Observer's location: Izmir, 38.0000°N, 27.0000°E

Local time zone: Central European Time (UTC + 1:00)

Orbit: 349 x 358 km, 51.6° (Epoch Dec 3)

Click on the date to get a star chart and other pass details.

Date	Mag	Starts			Max. <a href="#">altitude</a>			Ends		
		Time	Alt.	Az.	Time	Alt.	Az.	Time	Alt.	Az.
<a href="#">5 Dec</a>	-0.7	17:00:30	10	NNW	17:02:39	20	NNE	17:02:39	20	NNE
<a href="#">6 Dec</a>	-1.6	17:26:56	10	NW	17:29:10	43	NNW	17:29:10	43	NNW
<a href="#">7 Dec</a>	-0.9	16:18:50	10	NNW	16:21:13	22	NNE	16:23:35	10	E
<a href="#">7 Dec</a>	-0.2	17:53:57	10	WNW	17:55:58	28	WSW	17:55:58	28	WSW
<a href="#">8 Dec</a>	-2.4	16:45:17	10	NW	16:48:11	69	NNE	16:51:07	10	ESE
<a href="#">9 Dec</a>	-0.1	17:12:22	10	WNW	17:14:55	27	SW	17:17:26	10	SSE
<a href="#">10 Dec</a>	-0.9	16:03:33	10	NW	16:08:00	26	SE	16:09:24	10	SE
<a href="#">11 Dec</a>	0.5	16:30:43	10	WNW	16:33:07	23	SW	16:35:29	10	S

**WE INVITE SCHOOLS TO CREATE AN ENTIRE**  
**EDITION**  
**OF**  
**ASTRO**  
**tyildirim@gftse.org**



This photo was taken on December 1, 2008, at Space Camp Turkey. It looks like the Turkish flag with a crescent moon and a star. In the photo, the bright "star" is actually the planet Venus and the smaller "star" is the planet Jupiter. At this time of year, for a short time, Venus and Jupiter are seen close to each other in the sky.

**COME BACK IN TWO WEEKS FOR MORE !**

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