

It was a great week at the IES this past week as we concluded May MCAS testing! Just a reminder to our 3rd graders to please remember to wear their **S.A.F.E. T-shirts and comfortable shoes** tomorrow for the trip to the Douglas Fire Station! Also, don't miss the nice article in this week's Blackstone Valley Tribune about our **Science Fair winners** (p. 2), as well as an article about **Hannah Clayborne**, our 6th grade recipient of the MathMovesU Scholarship (p. 9). Here's the link:
<http://www.blackstonevalleytribune.com/pdf/BLA.2012.05.18.pdf>

Tolerance
Investment
Growth
Effort
Respect
Safety



Douglas Intermediate Elementary School

"Where decisions are made in the best interest of our students."

To: Team IES
From: B. Bachelder and R. Godbout
Date: May 20, 2012
(Week of May 21-May 25, 2012)



Where We've Been...Where We're Going

Pictures by E. Sousa, R. Usher, and K. Cristian

Team IES Honors National MPS Awareness Day

On Tuesday, May 15th, we observed National MPS Awareness Day at the IES! One of our fourth grade students, **Brandon Ballou**, was born with a rare genetic disorder called Sanfilippo Syndrome, a **MucoPolySaccharide** disease. Everyone was invited to wear purple in order to raise awareness of this disorder, and as a result, the IES was a sea of purple on May 15th! **Mrs. Stephanie Dagenais'** students worked with students in the Intensive Learning Center to make purple tie-dye T-shirts to wear on May 15th! (Brandon is a student in Mrs. Dagenais' homeroom.) We appreciate the efforts of **Mrs. Alisa Ballou** and the Douglas DPAC, **Mrs. Stephanie Dagenais - Gr. 4 Teacher**, **Mrs. Errion McGrath - Intensive Learning Center Teacher**, **Mrs. Jenni McGee - Gr. 4 Special Education Teacher**, **Mrs. Rachel McCrohon - Speech Therapist**, and several of the Special Education Paraprofessionals - including **Mrs. Fran Dorr**, **Ms. Meggie Morel**, **Ms. Marina Loshusan**, **Mrs. Charity Wong Kam**, **Mrs. Brenda Kasper**, **Mrs. Deana LaPolt**, and **Mrs. Janice Wood** for planning and supervising this memorable day!



"Space Week" Officially "Launched" on Friday, May 18th!



Katelyn LaPearl (left) and **Sydney Hurteau** (right) investigating angular momentum characteristics of a gyroscope, which are used to stabilize satellites.



We're looking forward to "**Space Week**" this coming week, an interdisciplinary unit to be held in grades 6, 7, and 8 on the theme of outer space! We truly appreciate the efforts of **Mrs. Kelly Graveson – Grade 8 Science Teacher and Science Vertical Team Chair**, **Mrs. Rachel Usher – Grade 7 Science Teacher**, and **Mrs. Karen Cristian – Grade 6 Science Teacher** – assisted by the **Sixth, Seventh, and Eighth Grade Teams** - for creating, planning, and supervising this special week, as well as the strong support from our corporate and educational partners, including the **Blackstone Valley Education Foundation** who provided grant funding to write the curriculum; **NASA**; **WPI**; **Raytheon**; the **Gelfand Endeavor in Massachusetts Schools (GEMS)**; and the **Regional Science Resource Center of UMass Medical School**! Highlights of this coming week will include special guest presentations on Thursday, May 24th, about the dangers of space debris by **Dr. David Wright**, of the Union of Concerned Scientists; and a presentation on NASA by **Mr. Sam Ortega**, **NASA's Centennial Challenge Program Manager**, on Friday, May 25th, as well as a wide variety of classroom lessons and activities conducted by our **Science teachers** and the **Sixth, Seventh, and Eighth Grade Teams**, assisted by **Mr. MacDonald Andrews**, **Senior Raytheon Engineer and Douglas resident**!

Space Week was officially "launched" last Friday, May 18th, with a special presentation conducted by **Mr. MacDonald Andrews** for **Mrs. Rachel Usher's 7th grade Science classes**! **Mr. Andrews** spoke to the students about Satellite Communications. He began his presentation by explaining to students what engineers do, and shared with them a project he is working on at Raytheon involving satellite ground terminals, which send or receive data from orbiting satellites.



(Above Left) **Jeremy Brule** and **Nathaniel Speight** examine the inside of a radio. (Above Right) **Brandon Senechal** tunes in to an AM station.

"Space Week" Officially "Launched" on Friday, May 18th! (cont.)

As students entered the room, a musical selection from *The Who* was playing on the radio. This sparked a discussion about satellite communication, which Mr. Andrews referred to as "radio stars." From Sputnik to the International Space Station - which is the size of a football field orbiting the Earth - the students gained an understanding of the history, uses and physics behind satellites. They even related the principles of physics to some of their favorite rides at Canobie Lake Park, such as the Turkish Twist. Students were highly engaged and asked excellent questions as they investigated the demo equipment Mr. Andrews brought to share with the students.

Some students were so excited that they chose to miss recess so they could continue to play with the demos! They are all one step closer to becoming engineers. This was truly an amazing way to start our 1st annual Space Week! *Thank you, Mrs. Usher and Mr. Andrews!*



(Left) **Brent Masters, Emily Lane and Allicyn Cole** observe a magnetic levitron. (Below) **Alyssa Bourque's** hands in between the magnet and the base of the levitron.



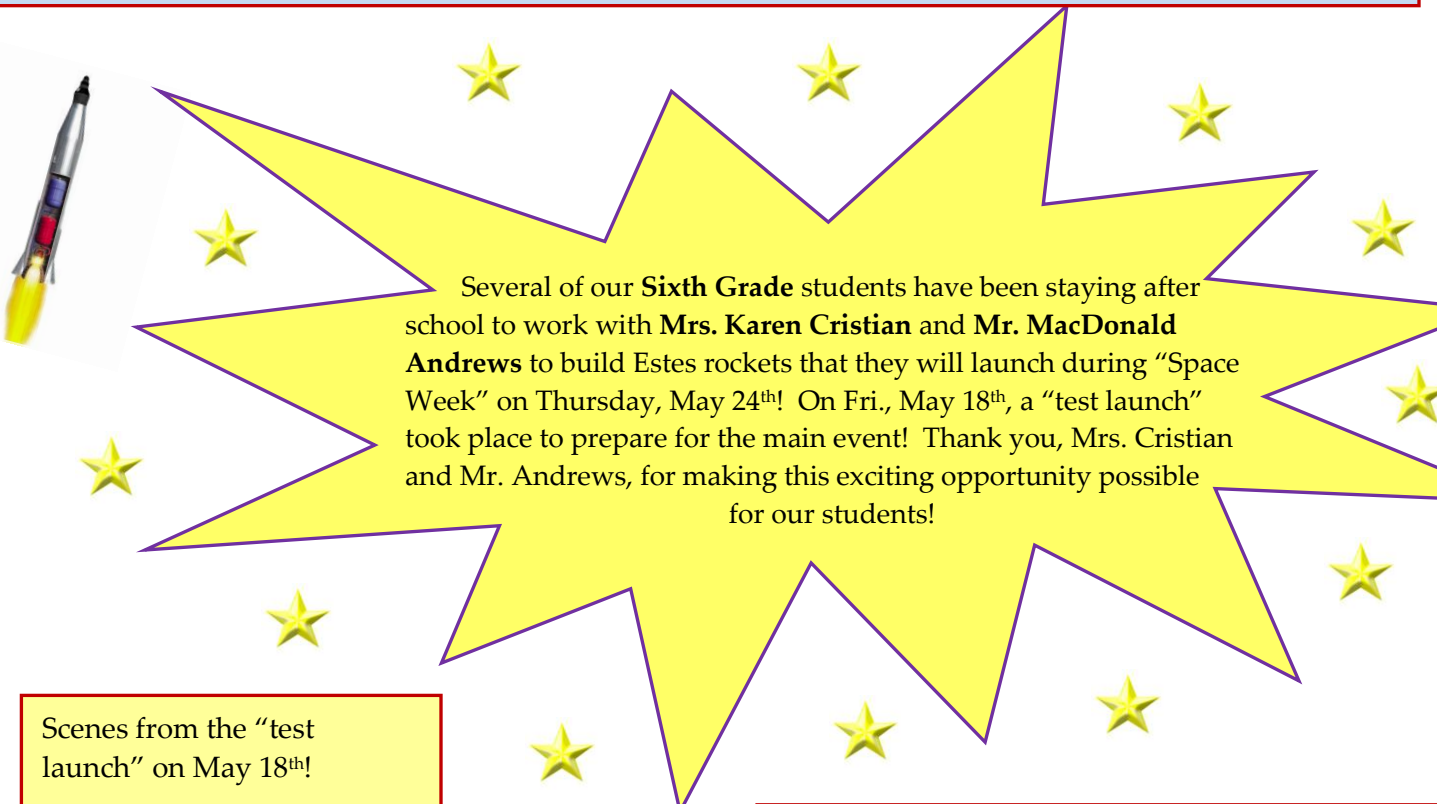
(Below) **Joseph Lincoln, Brian Flanagan, Grant Gualtieri and Olivia Ouellette** observing Newton's Cradle.



(Below) **Sarah Grenier** investigates circuits.



"Space Week" Officially "Launched" on Friday, May 18th! (cont.)



Several of our **Sixth Grade** students have been staying after school to work with **Mrs. Karen Cristian** and **Mr. MacDonald Andrews** to build Estes rockets that they will launch during "Space Week" on Thursday, May 24th! On Fri., May 18th, a "test launch" took place to prepare for the main event! Thank you, Mrs. Cristian and Mr. Andrews, for making this exciting opportunity possible for our students!

Scenes from the "test launch" on May 18th!



IES Chess Club Competes in Battleship Cove Tournament!

The IES Chess Club students enjoyed competing at the Chess Tournament held yesterday, May 19th, at Battleship Cove, according to **Chess Club Advisor, Mrs. Tracey Zuliani!** **Liam Kelley** came in third in his age range, and **Zachary Ernst** came in fifth. **Ryan Smith** played to a stalemate in his 1st game, won his 2nd & 3rd games, and lost his 4th game – earning a total of 2.5 points to medal! Our students not only enjoyed playing chess, but also exploring the ship and speaking with the many veterans on hand, mainly from the Korean War era. A “Meet the Veterans” event was appreciated by the students and their parents in attendance, and was particularly meaningful as we approach the Memorial Day Holiday. Pictures of this event will be included in next week’s update! Congratulations!



Daily Calendar of Events (May 21-May 25)

This week is “Space Week” in grades 6, 7, and 8!



Mon., May 21 – (Day 2)

- Makeup – MCAS Math – Gr. 6 & 7
- Gr. 3 Field Trip to Fire Station for SAFE
- B. Bachelder meets with Fourth Grade Team re Placement – 9:45-10:30 – 1st Floor Teachers’ Room
- IES Leadership Team meeting – Lib. Conf. Room – 2:45 p.m.



Tues., May 22 – (Day 3)

- Makeup – MCAS Math – Gr. 6 & 7
- Special Education Workshop – Time TBA
- B. Bachelder meets with Fifth Grade Team re Placement – 8:05-8:55



Wed., May 23 – (Day 4)

- MCAS UPS pickup today
- Meet with Sixth Grade Team re Placement – 8:05-8:55
- Gr. 2 Memorial Day Program – Auditorium – 9:00 – 11:00 a.m.
- NELMS Scholar-Leader Banquet – Best Western Royal Plaza Hotel and Trade Center – Marlboro, MA – 6:00 p.m.
- PTO meeting – Library – 7:00 p.m.



Thurs., May 24 – (Day 5)

- Special Guest Speaker for grades 6-8 – Dr. David Wright – Union of Concerned Scientists (to be held in conjunction with Space Week) – Auditorium – 8:15 – 11:00 a.m.
- Special Olympics – DHS Athletic Field – 9:00 – Noon. Opening ceremonies begin at 9:30.

- STEM Workshop (re new Science Standards) – 4-6 p.m.



Fri., May 25 – (Day 6)

- Gr. 3 Noon at the Museum - Gym
- Gr. 4 Field Trip to Lowell – Tsongas Industrial History Center
- Big East Festival Band/Chorus Trip to Six Flags – Gr. 6 & 7
(No band lessons today.)
- “Promising Practices” Exemplar in Curriculum Breakfast – Asa Waters Mansion, Millbury, MA
- **Special Guest Speaker for grades 6-8 – Mr. Sam Ortega – NASA Centennial Challenge Program Manager**

Band Lesson Schedule for This Week:

Lesson Schedule – Week of May 21st

Monday (Day 2)

Group A - 9:30; Group B - 10:00; Group C - 10:30; and Group D – 11:00

Tuesday (Day 3)

Group A - 9:00; Group B - 9:30; Group C – 10:00; and Group D – 10:30

Wednesday (Day 4)

Grade 4 & 5 Band – 9:15-10:15

Full band rehearsal will be held in place of small group lessons.

Thursday (Day 5)

Group A - 9:00; Group B – 12:15; Group C – 12:45; and Group D – 10:00

Friday (Day 6)

No lessons - Grade 6&7 band field trip to Great East Music Festival

(No school on Monday, May 28th – Memorial Day)



Tues., May 29th - Grade 5 Field Trip - MA Audubon Society – Worcester, MA

