



# ORLANDO SCIENCE SCHOOLS WEEKLY NEWSLETTER

The mission of the Orlando Science Schools (OSS) is to use proven and innovative instructional methods and exemplary reform-based curricula in a stimulating environment with the result of providing its students a well-rounded middle school and high school education in all subject areas. OSS will provide rigorous college preparatory programs with a special emphasis in mathematics, science, technology, and language arts.

Date: 02/17/2012  
Issue 91

## Principal's Corner

Dear Students & Parents,

A reminder that there will be no school on Monday, February 20th, due to Presidents' Day!

Congratulations to all the OSS students who participated in the Seminole County History Fair on Saturday, February 11! Next stop States!

It's Box Tops Time again, so make your way to page 3 for all the details.

OSS will celebrate Black History Month on Friday, February 17th with a celebration dinner and special guest, Sheriff Demings!

OSS' MathCounts team had a lock-in last Saturday with their math teachers. The lock-in prepared the students for the Central Florida Regional MathCounts. For more information please see page 4.

Congratulations to the OSS Science Olympiad Teams who competed in the Regional Science Olympiad Tournament last Saturday!!! OSS' middle school team ranked 1st place!! For more information on team rankings turn to, page 6.

I hope everyone has a wonderful weekend!

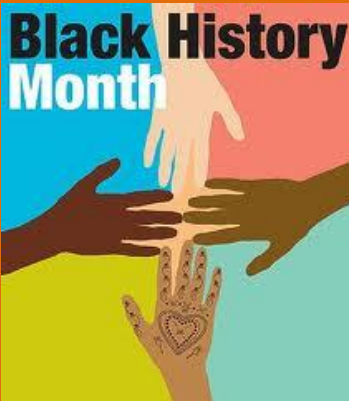
Sincerely,  
Necati Sahin

*Never limit yourself because of others' limited imagination; never limit others because of your own limited imagination.*

– **May C. Jamison**

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## OSS Upcoming Events

Black History Month Celebration with special guest, Sheriff Demings, February 17<sup>th</sup>

Regional MathCounts, February 18<sup>th</sup>

There will not be school on Monday, February 20, 2012 in celebration of President's day.

There will be a short presentation about the Florida State History Fair on Tuesday, February 21<sup>st</sup> in the cafeteria at 3:40pm

**Always check the OSS website and PVO tab for all events!!!!!!!**

### Important Events and Dates in Science Olympiad



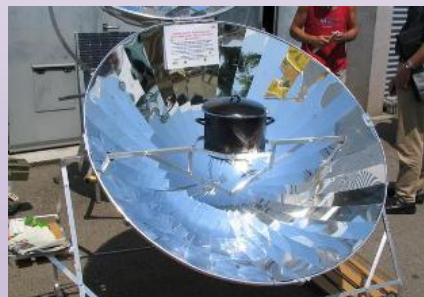
- 1- State Science Olympiad --- March 24, 2012, UCF
- 2- National Science Olympiad --- May 18-19, UCF

### **This year's EnergyWhiz Olympics Team needs your help!**

Within the next month Ms. Longo will be putting middle and high school teams together to compete in the EnergyWhiz Olympics at Brevard Community College in Cocoa Beach. She needs parent support in gathering materials and advising/assisting students with building. If you have an engineering background, are good at building things, and/or have access to materials and tools needed for building, please contact Ms. Longo for more information.

This year's events include: Solar Energy Cook-off, Junior Solar Sprint, Hydrogen Challenge and Battery Mobile Challenge. Please visit the following website for more information about this year's events: [http://www.fsec.ucf.edu/en/education/k-12/energywhiz\\_olympics/index.htm](http://www.fsec.ucf.edu/en/education/k-12/energywhiz_olympics/index.htm). Thank you in advance for your help!

For more info, there are packets located at the front desk



# BOX TOPS TIME

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It's that time again to bring in your box tops to your homeroom teacher!!!

**The top three classes will receive a dress down day!!**

*The collection ends on February 28<sup>th</sup>*



First lady Michelle Obama visited Walt Disney World Resort as the final stop in her tour celebrating the [second anniversary of her "Let's Move" initiative](#). At Saturday's event, which took place the ESPN Wide World of Sports, the first lady spoke to a crowd of nearly 1,500 children and families who attended to take part in a day devoted to healthy living.

OSS' own Brandon Delfosse; a member of Big Brothers Big Sisters attended the event and was pleased Obama and Disney supported healthy living. "It's very cool knowing someone cares about you... It's smart. Disney is popular, and it helps get the word out."

## First Annual History Fair

On Saturday, February 11, OSS students participated in the Seminole County History Fair. The students displayed a variety of projects and topics for this fair. Students moving onto the state competition in April are: Justin Lugo, Megan Galeski, Raquel Guerrero, Carlos Barea, Silas Blinde, Bradley Fontaine, Kendra Melendez, Jacob Leonard, Michael England, Max May, Sam Dillon, Juan Valeriano, Chau-Ha Phan, Nilzaida Vasquez, Jarod Clark, Riley Belnap, Tristan Baldwin, Briana Moslow, Ana Rodriguez, Ishita Gupta, Wally Vargas-Rios, Sanmit Shinde, Mohammad Abdullah, Dilan Patel, Sienna Leyanna, and Jared Lewis.

Congratulations to everyone who attended the county competition!

**There will be a short presentation about the Florida State History Fair on Tuesday, February 21<sup>st</sup> in the cafeteria at 3:40pm to celebrate the students' achievements!**



# High School News!

## Field Trip to UCF



The 9<sup>th</sup> and 10<sup>th</sup> grade students went on a tour of UCF. The students were able to go on guided tour by UCF student ambassadors who showed them all the academic and social opportunities the school has to offer. The students were able to visit the student union and talk to numerous student organizations that we set up for the day. The students all had a wonderful day.

Thank you all for participating in this event and we would like to thank administration for making this trip possible for all our high school students.

*Catherine Cannon*  
*Social Studies Department Chair*

## **MATHCOUNTS**<sup>®</sup>

### MathCounts Lock-in was rocking fun!

OSS' MathCounts team had a Lock-in last Saturday. Students studied the critical concepts of MathCounts and learned shortcuts to the word problems. After a three hour study, students had dinner and played volleyball and basketball in the gym with their math teachers. The Lock-in was both very fun and academic for the students. The Central Florida Regional MathCounts will be at Olympia High School on Saturday, February 18<sup>th</sup>. We wish them good luck in the competition! All Parents and students are invited to watch the CIPHERING Round which starts at 12:30pm.



### **In addition, we need volunteers!!!!!!**

The 2012 FLORIDA MathCounts will be on March 29<sup>th</sup> and 30<sup>th</sup> 2012. In this great organization, Math Counts Committee needs volunteers. This is a great opportunity to be involved in math and be a volunteer at the same time. If you would like to be a volunteer, please fill the form located at the front desk and let Mr. Yalcin know once you are registered. The Best Math Teams in Florida will be in the Competition. For any questions, please contact Mr. Yalcin.

OSS is looking for great volunteering opportunities for its students. The National Raytheon MathCounts will be in Orlando this year. The detail information is coming upcoming weeks.

**You may pick up your form at the front desk!!!**

# CELEBRATE BLACK HISTORY MONTH

Mae C. Jemison

Astronaut / Physician

Born: 17 October 1956

Birthplace: Decatur, Alabama

Best known as: The first African-American woman in space

On 12 September 1992, Dr. Mae Carol Jemison became the first black woman to travel into outer space. Raised in Chicago and educated at Stanford and Cornell, Jemison earned a medical degree and became a physician in 1981. She practiced medicine in Los Angeles and served in the Peace Corps in Africa before being approved for astronaut training in 1987. She spent the next six years with the National Aeronautics and Space Administration (NASA), flying into space on mission STS-47 aboard the shuttle Endeavour in 1992. After leaving NASA in 1993 she founded the Jemison Group, a research and consulting firm, and became active in several educational programs. She also wrote a memoir for young readers, Find Where the Wind Goes (2001).

Extra credit: In 1993 Dr. Jemison made a guest appearance on the television series Star Trek: The Next Generation

A collage celebrating Wilt Chamberlain's 30,000-point record. The background is a wooden basketball court. In the center is a blue jersey with "CHAMBERLAIN" and the number "13" in white and red. Below the jersey is a blue text box with white text. Surrounding the text are several images: a photo of Chamberlain in a blue Philadelphia Warriors jersey, a photo of him in a yellow Lakers jersey, a photo of him holding a trophy, a photo of him in a black and white suit, a photo of him in a white tank top holding a sign with "100", and a photo of him in a black and white suit shaking hands with another man.

FEBRUARY 16, 1972 - WILT CHAMBERLAIN SCORES HIS 30,000 POINT IN THE NBA.

ONE OF THE FIRST HIGH PROFILE NAMES IN BASKETBALL, CHAMBERLAIN IS STILL REMEMBERED TO THIS DAY AS ONE THE GREATEST BASKETBALL PLAYERS OF ALL TIME. STILL TODAY IN THE NBA RECORDS, CHAMBERLAIN'S NAME STILL APPEARS IN MANY CATEGORIES EVEN AFTER ALMOST FORTY YEARS SINCE HIS RETIREMENT. THE TALENTED CENTER GOT HIS START PLAYING FOR THE WORLD-FAMOUS HARLEM GLOBETROTTERS IN 1958 WHERE HE WOULD PLAY WITH MEADOWLARK LEMON AT THE FIRST EVER GAME IN MOSCOW. CHAMBERLAIN'S TALENT DID NOT GO UNNOTICED BY THE NBA AND THE NEXT YEAR HE WAS DRAFTED BY THE PHILADELPHIA WARRIORS, LATER TO BECOME THE 76ERS. IN 1968 HE WOULD BE TRADED TO THE LOS ANGELES LAKERS WHERE HE WOULD CONTINUE HIS RECORD BREAKING, INCLUDING THE 30,000 POINTS - BECOMING THE FIRST NBA PLAY TO REACH THAT HIGH A RECORD.

SADLY THE 7'1" LEGEND PASSED AWAY ON OCTOBER 12, 1999. UPON HIS DEATH HE LEFT \$650,000 TO HIS ALMA MATER, KANSAS UNIVERSITY, TO PROVIDE MONEY TO FIRST-GENERATION LOW-INCOME STUDENTS AND WOMEN ATHLETES. EVEN TODAY, THE BIG DIPPER AND THE CHAIRMAN OF THE BOARDS HAS A LEGACY IN THIS CULTURE THAT IS RARELY REACHED BY OTHERS.

# **\*\*Congratulations to the OSS Science Olympiad Teams\*\***

Our middle school and high school teams competed in the Regional Science Olympiad Tournament last Saturday. Our teams received 11 first places in the 23 categories. Within those results, OSS' middle school team has ranked 1st place, as a team, among the 36 teams from all 6 of the counties that were represented; Volusia, Seminole, Orange, Brevard, Lake and Osceola.

**Congratulations to all the Science Olympiad members and Good Luck at State!!**

## Middle School Division

### **1<sup>st</sup> Places:**

Awesome Aquifer - Carlos Barea, Isaac Gordon  
 Compute This - Danh Pham, Lucas Lamoureux  
 Disease Detective - Annabel Zin, Daniella Gutierrez  
 Experimental Design - Beth Martin, Sebastian Gonzalez, Daniel Stetzinger  
 Keep The Heat - Daniel Stetzinger, Sam Dai  
 Microbe Mission - Isaac Gordon, Carlos Barea  
 Mission Possible - Lucas Lamoureux, Daniel Stetzinger  
 Road Scholar - Sam Dai, Danh Pham  
 Rocks and Minerals - Markus Zirkle, Isaac Gordon  
 Tower Building - Carlos Barea, Sebastian Gonzalez  
 Water Quality - Daniel Stetzinger, Danh Pham

### **2<sup>nd</sup> Places:**

Keep the Heat - Blake Hollis, Doguhan Karahan  
 Crime Buster - Daniella Gutierrez, Beth Martin  
 Tower Building - Oscar Guerrero, Colin Chaney

### **3<sup>rd</sup> Place:**

Water Quality - Hedyeh Erfani, Kevin Dawson  
 Anatomy - Maghana Bomma, Hastee Erfani

## High School Division

### **2<sup>nd</sup> Places**

Helicopter - Michael Anderson, Fernando Villegas  
 Gravity Vehicle - Pruthvi Patel, Ahmed Rashid  
 Rocks and Minerals - Ahmed Rashid, Daniella Gutierrez, Jasmin Ruiz

### **3<sup>rd</sup> Place**

Tower - Ahmed Rashid, Andrew Lin





**Come out and support OSS' FTC Team 5070 N.U.T.S. and check out the action!!!!**

Embry-Riddle Aeronautical University - ICI Center

601 S. Clyde Morris Boulevard, Daytona Beach, FL 32114

Ample parking is available in the north parking lot adjacent to the ICI Center

If you can't make it, join the fun by watching the action on the FTC ustream.tv broadcast starting at 10:00 a.m.: <http://stream.flfirst.org>

## **FTC Florida Championship**

### **February 18, 2012**

In this year's **Bowled Over!**™ Challenge, two alliances – one “red” and one “blue” - compete in a 2 minute 30 second match. The first 30 seconds is the autonomous period when onboard programs and sensors control the robots. The remaining 2 minutes are the driver-controlled portion of the match. Alliances score points by placing racquetballs in goals, elevating crates, and pushing bowling balls up ramps. In addition to the field competition, teams have an opportunity to be recognized for their engineering notebooks, for exhibiting Gracious Professionalism™, for quality designs and inventiveness, for community outreach and for their team spirit. All as part of the overall **FIRST®** goal of instilling important values like teamwork, creativity, innovation, and the value of the engineering design processes.



## **smile mile**



Track Shack Foundation is extending an invitation to Orlando Science Schools for students, members, and supporters to get up and exercise their bodies by participating in the Smile Mile on Saturday, March 10, 2012 in Blue Jacket Park.

The Smile Mile is an annual one-mile race open to children between the ages of five and eleven. The top three boys and girls in each age group will receive an award! All runners receive a t-shirt and medal.

We ask for your help in promoting this event to all your parents, students and members. Please visit our website <http://www.trackshack.com/events/individual/smile-mile/smilemile.shtml> for event details along with information that you can email forward, print out and/or place throughout your offices, classrooms or community centers. If you can use additional flyers for distribution, please let me know.

The mission of the Track Shack Foundation is to promote health and fitness. The Smile Mile is one of our premier fundraising events. Every year the Track Shack Foundation donates thousands of dollars to youth fitness programs in Central Florida. By supporting this event you help ensure that Track Shack Foundation can continue to support the aspiring youth in our community.