Date: December 4th 2015

Issue: 220



ORLANDO SCIENCE SCHOOLS

WEEKLY NEWSLETTER

"The mission of Orlando Science Middle/High Charter School is to provide students with a well-rounded education with special emphasis on Science, Technology, Engineering, Mathematics (STEM) and Reading in the light of research based, proven and innovative instructional methods in a stimulating environment."

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Principal's Corner

Dear Students and Parents.

I hope you all had a wonderful holiday break. We are so excited for the next few weeks of school and all of our upcoming events.

Our Parent Teacher Conference Nights will take place on Tuesday December 15th 2015 and Thursday December 17th 2015. Our Wednesday December 16th 2015 date was moved to Tuesday. Signups will take place online this time beginning tomorrow Saturday December 5th 2015. On Tuesday December 1st 2015 an email was sent home with instructions for the new process as well as copy was sent home with your student(s). Please see page thirteen for more information. We are no longer taking phone calls or email reservations.

This is just a reminder that Science Olympiad will meet next week beginning December 7th through December 11th after school until 5pm. They will meet in the Media Center, Mr. Stampas' room and Mrs. Bolat's room.

We would like to welcome all of you to our OSES/OSS Concert Series taking place on December 8th and December 10th. Please see page fourteen for more information.

On Wednesday December 16th, OSES 5th Grade students are visiting Middle/High school. During this visit, students will have the opportunity to tour the school, visit actual classrooms, and participate in a variety of learning activities."

Sincerely, Abdulaziz Yalcin Principal Orlando Science Schools Middle/High School

"Forever is composed of nows" – John Green, Paper Towns



- Decemember 5th: Parent Teacher Conference Sign Up at 10am
- December 5th: FLL Robotics Tournament at OSS
- December 5th: High School Invitational Science Olympiad at Lake Nona
- December 7th-11th: Science Olympiad will meet until 5pm
- December 8th and 10th: OSES/OSS Concert Series
- December 11th: OSS School-wide Science Fair
- December 12th: Middle School Invitational Science Olympiad Tournament at OSS
- December 14th: Toys for Tots Students vs Teachers Basketball Game at OSS Gym
- December 15th and 17th: Parent Teacher Conference Night
- December 17th: Japanese High School Meizen High will be visiting Orlando Science with 43 Students
- December 17th: 7th Grade Science Field Trip

2015-2016 Report Card Dates for Parents				
1st Quarter Progress Report Card	Wednesday, September 23, 2015			
1st Quarter Report Card	Thursday, October 22, 2015			
2nd Quarter Progress Report Card	Friday, November 20, 2015			
2nd Quarter Report Card	Thursday, January 14, 2016			
3rd Quarter Progress Report Card	Wednesday, February 17, 2016			
3rd Quarter Report Card	Thursday, March 17, 2016			
4th Quarter Progress Report Card	Wednesday, May 4, 2016			
4th Quarter Report Card Wednesday, June 8, 2016				

2015-2016 Parent Teacher Conference (PTC) Days				
1 st Quarter	Wednesday, October 7th, 2015	4:00PM - 6:00PM		
	Thursday, October 8 th , 2015	4:30PM - 6:30PM		
2 nd Quarter	Tuesday, December 15 th , 2015	4:30PM - 6:30PM		
	Thursday, December 17th, 2015	4:30PM - 6:30PM		
3 rd Quarter	Wednesday, March 2nd, 2016	4:00PM - 6:00PM		
	Thursday, March 3 rd , 2016	4:30PM - 6:30PM		
4th Quarter	Wednesday, May 11 th , 2016	4:00PM - 6:00PM		
	Thursday, May 12 th , 2016	4:30PM - 6:30PM		

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This week in HISTCORY

DATE	EVENT(S)
November 30 th 1838	Mexico delcares war on France.
December 1st 1969	America's first draft lottery since 1942 is held.
December 2 nd 1867	People wait in mile-long lines to hear Charles Dickens give his first reading in New York City.
December 3 rd 1818	Illinois admitted into the Union as the 21 st state.
December 4 th 1991	The last American hostages held in Lebanon are released.

Orange County Public Schools: 2015-2016 School Calendar				
DAY	DATE(S)	EVENT		
Monday Thursday	September 7 th 2015 October 22 nd 2015	Labor Day holiday (Schools and Distric Offices are closed) End of 1st Marking Period		
Friday	October 23 rd 2015	Student Holiday/Teacher Professional Day/ Teacher Non- Work Day		
Monday	October 26 th 2015	Student Holiday/Teacher Workday		
Tuesday	October 27 th 2015	Begin 2 nd Marking Period		
Monday Friday	November 23 rd 27 th 2015	Thanksgiving break: Students are out all week Distric Offices are open Nov. 23 25th Teacher Non-Workdays: Nov 23rd-25th Teacher Holiday: Nov 26th-27th		
Two Weeks	December 21, 2015- January 1 st 2016	Winter Break(Schools are closed. District offices are closed)		
Monday	January 4 th 2016	Students Return to School		
Thursday	January 14 th 2016	End of 2 nd Marking Period		
Friday	January 15 th 2016	Sudent Holiday/ Teacher Workday		
Monday	January 18th 2016	Martin Luther King, Jr. holiday (Schools and District offices are closed)		
Tuesday	January 19 th 2016	Begin 2 nd Semested/3 rd Marking Period		
Monday	February 15 th 2016	Presidents Day holiday (schools and district offices are closed)		
Thursday	March 17th 2016	End of 3 rd Marking Period		
Friday	March 18 th 2016	Student Holiday/ Teacher Workday		
Monday –Friday	March 21st-25 th	Spring Break (Schools are closed. District offices are closed)		
Monday	March 28 th	Begin 4 th Marking Period		
Monday	May 30 th	Memorial Day holiday(Schools and District offices are closed)		
Wednesday	June 8 th 2016	End of 4 th Marking Period/ Last day of school for students		
Thursday-Friday	June 9 th -10 th	Post Planning for Teachers		

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Club of the Week:

Our yearbook club at OSS is a student-run publication that tells the story of the school year through words and pictures. Yearbook club presents a history book as well as a memory book, but it is also a journalism laboratory that encourages students to learn through hands-on experience.

Students plan, design, write, edit, and take pictures during the production of the yearbook with a goal of including everyone in the school. Yearbook staff members work after school and multiple days of the week in order to capture everything we have to offer at OSS.



2015-16	Orlando	Science	Schools
As	sessmei	nt Calend	dar

Florida Standards Assessments (FSA)

English Language Arts and Mathematics - Required by State

Dates	Assessment	Grade Level
February 29 - March 11, 2016	FSA English Language Arts - Writing Component	6 -10
April 11 - May 6, 2016	FSA English Language Arts - Reading	6 -10
April 11 - May 6, 2016	FSA Mathematics	6 - 8

End-of-Course Assessments - Required by State

Dates	Course	
April 18 - May 13, 2016	Algebra 1, Geometry, Algebra 2	

Next Generation Sunshine State Standards (NGSSS) Assessments

End-of-Course Assessments - Required by State

Dates	Course
April 18 - May 20 2016	Biology 1, Civics, US History-High School

Florida Comprehensive Assessment Test FCAT 2.0 - Required by State

Dates	Assessment	Grade Level
April 11 - May 6, 2016	FCAT 2.0 Science	8

AP College Board Exam Dates

Dates	Course
May 2, 2016 - Morning/Afternoon	Chemistry (Morning); Psychology (Afternoon)
May 3, 2016 - Morning/Afternoon	Computer Science A (Morning); and Physics 1: Algebra – Based (Afternoon)
May 4, 2016 - Morning	English Literature and Composition
May 5, 2016 - Morning	Calculus AB (Morning); and Calculus BC (Morning)
May 6, 2016 - Morning/Afternoon	United States History (Morning); European History (Afternoon)
May 9, 2016 - Morning	Biology
May 10, 2016 - Morning	United States Government and Politics
May 11, 2016 - Morning	English Language and Composition
May 12, 2016 - Morning/Afternoon	World History (Morning); Statistics (Afternoon)

Common Final Exams - Required by Orange County Public Schools

Common Final Exams will be given in courses that do not have a state or other designated end-of-course exam.

Dates	Course	
January 6 – 12, 2016	Semester 1 Exams (Courses that are only one semester)	
May 31 – June 6, 2016	Secondary End of Year Exams	

PSAT	Grade	Status	Test Date	Fee	Deadline to Register	
PSAT 8/9	8th-9th	Optional	Oct - 28	\$10	9/1/2015	
PSAT 10	10th	Optional	Feb - 24	\$15	12/1/2015	
PSAT/NMSQT	10th-11th	Required	Oct - 14	\$0	N/A	

Updated - September 30, 2015

EXTRA, EXTRA

<u>Orlando Science School System Accreditation</u>

Orlando Science School's plan to obtain accreditation for a school system is moving forward. A Readiness Visit was conducted by AdvancED last week to prepare the school's accreditation team for what is to come over the next several months.

Please view the link below for updates, links, and further information about Policies and Procedures of AdvancED.

http://www.orlandoscience.org/advanced-accreditation/front-page/advanced-accreditation





PIZZA DAY

Every Thursday throughout the year OSS will be offering students the option to purchase pizza. They may purchase a slice for \$2.00 or make it a combo for \$5.00.

Character Word of Month Honesty

"The character word of the month for December is HONESTY. Honesty means to tell the truth, to be fair and straightforward, and to lead a life of honor and dignity. Or as Thomas Jefferson once said, 'Honesty is the first chapter of the book of wisdom.'"



Online Resources

Dear Parent/Guardian,

Below you may find web sites and detail information for our online resources.

These websites will help our students achieve better and reach their goals! Your student has the same password and username for all these three online resources. If you lose your username and password, please contact the front office phone extension 100. Should you have any questions or problems accessing these sites, please contact Mr. Han. These resources are also available under the "Online Student Resources" link in the website"



Study Island is an online resource that reinforces what's being taught in your student's class, but it approaches it in a different way. As students answer questions in Study Island, they're learning, reviving, peer tutoring and they also feel like they're playing a video game in Game Mode. This promotes students' acquisition of skills while making learning interactive and fun.

The web address is: www.studyisland.com



AR utilizes the ATOS readability formula—a verified measure of quantitative <u>text complexity</u> for the Common Core State Standards. Each book with an AR Quiz has an ATOS book level and an interest level—a qualitative measure of text complexity. This information is free and easily accessible on AR BookFinder. The ATOS Analyzer allows you to submit text and instantly receive an ATOS level.

- Please click to start AR Experience: https://hosted322.renlearn.com/2598065/default.aspx
- Please click to see the new face: http://doc.renlearn.com/KMNet/R0056002BACA7F3F.pdf



HMH ELA Textbook:

Link: http://my.hrw.com/

This online resource offers the complete book online (students can log into the website and view all pages of their actual textbook—this will save from students having to take their ELA Textbook home each night to complete homework because they can view the pages from the computer). Other features of Holt Leaning Online include videos of examples in each lesson, interactive activities, additional practice problems for each lesson, and parent resources. Holt Learning Online is a great resource to utilize to help your child be successful in each chapter of the textbook.



SAT Question of the Day

Link: https://sat.collegeboard.org/practice/sat-question-of-the-day

Daily practice questions with online answer explanations

Students can find the Official SAT Question of the Day by simply going to sat.org/qotd, following SATQuestion on Twitter or downloading the free mobile app for your iPhone, iPad or iPod. Hints and detailed answer explanations are provided for each question. A running log of how many visitors have answered the question correctly is displayed along with a tally of the total answers. Track performance

If students sign in to their collegeboard.com accounts before answering the question, they can keep track of their answers by SAT section, and they can see how their performance compares to that of other respondents.



Khan Academy

Link: https://www.khanacademy.org/login

Khan Academy offers practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace in and outside of the classroom. We tackle math, science, computer programming, history, art history, economics, and more. Our math missions guide learners from kindergarten to calculus using state-of-the-art, adaptive technology that identifies strengths and learning gaps. We've also partnered with institutions like NASA, The Museum of Modern Art, The California Academy of Sciences, and MIT to offer specialized content.



Project Lead the Way

Link: https://my.pltw.org/user/login?destination=node/1

Project Lead the Way (PLTW) is the nation's leading provider of K-12 STEM programs. The curriculum and high-quality teacher professional development model, combined with an engaged network of educators and corporate and community partners, help students develop the skills necessary to succeed. This year, we are implementing PLTW - Pathway to Engineering and Biomedical Science Academy. Students can access with their login information to PLTW Online Learning Management System and see the instructors assignments and projects and their grades.



Naviance

Link: www.naviance.com

Naviance is a comprehensive college and career readiness solution for middle and high schools that helps align student strengths and interests to post-secondary goals, and improve student outcomes.

<u>Introducing Naviance Test Prep WorkKeys</u>

PREP FOR ACT WORKKEYS® NATIONAL CAREER READINESS CERTIFICATION

Many students graduate high school planning to enter the workforce directly. Yet many students lack critical skills necessary to be successful in entry-level jobs. Learn how Naviance Test Prep for WorkKeys can help. Please go to the website and click on the video for more details.



Common App

Link: www.commonapp.org

Seniors ONLY

The Common Application (informally known as the Common App) is an undergraduate college admission application that applicants may use to apply to any of 517 member colleges and universities in 47 states and the District of Columbia, as well as in Austria, France, Germany, Italy, Switzerland, and United Kingdom.

College Planning

Link: www.floridashines.org

Florida Shines exist to empower all of Florida's 20,000,000 residents to earn a college degree and find a bright career. Whether you're in high school just starting to think about college or you're already working and ready to earn or complete your degree, FloridaShines can help. We've got the resources and support you need.

FloridaShines works with the state's 40 colleges and universities and other partners to help you succeed in school and beyond. Check your transcript. Register for an online course. Search libraries across the state. And a whole lot more. All designed to help you shine.





Science Fair Resources

http://www.yingexpo.com/studentforms.htm

Where students can get the forms needed for the Science Fair

http://www.yingexpo.com/ docs/paperworkPPT.pdf#view=Fit

Science Fair Forms Guide

http://www.osc.org/index.php?option=com_content&view=category&layout=blog&id=37&Ite_mid=41

Orlando Science Center Competitions

http://www.sciencebuddies.org/science-fair-projects/project_ideas.shtml#browseallprojects Baby Science Fair ideas, I expect something way more original.

http://www.floridassef.net/current-fair/

State Science Fair

https://student.societyforscience.org/attendees

National Science Fair



Science Olympiad

http://soinc.org/2015 div b events

Science Olympiad main site

http://www.floridascienceolympiad.org/index.html

Science Olympiad site for scores and competition dates

http://scioly.org/wiki/index.php/Main_Page

Site for resources and tests



AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

Online Practice site-1: http://www.webassign.net/features/textbooks/oscolphys1/details.html?l=search

Online Practice Site-2 https://openstaxcollege.org/files/textbook_version/low_res_pdf/9/physics-lr.pdf

PhET Interactive Simulations: http://phet.colorado.edu/

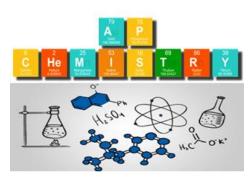
Additional Online Resources:

https://phet.colorado.edu/en/simulations/category/new

http://physics.bu.edu/~duffy/classroom.html

http://www.physicsclassroom.com/

http://amrita.vlab.co.in/



The AP Chemistry course provides students with a collegelevel foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

AP Central:

https://apstudent.collegeboard.org/apcourse/apchemistry

Online Resources Links:

https://phet.colorado.edu/en/simulations/category/chemistry

https://www.khanacademy.org/science/chemistry

http://www.meta-synthesis.com/index.html

http://www.periodicvideos.com/

http://www.rsc.org/learn-

chemistry/resource/listing?searchtext=&fcategory=all&filter=all&Audience=AUD00000001&displayname=teachers

http://www.bozemanscience.com/ap-chem-005-electron-configuration

http://education-portal.com/academy/course/ap-chemistry.html

http://www.sciencegeek.net/APchemistry/index.shtml

http://teacherpress.ocps.net/seanmurphy/

http://www.sophia.org/subjects/chemistry

http://www.learnerstv.com/Free-Chemistry-video-lecture-courses.htm

http://www.chm.davidson.edu/vce/index.html

http://www.sciencegeek.net/APchemistry/APtaters/directory.shtml

http://www.kentchemistry.com/

http://www.periodicvideos.com/

http://chemvlab.org/home/index.php

https://pogil.org/resources/references/chemistry

http://www.rsc.org/learn-chemistry

PTC NIGHT SIGN UPS

ATTENTION:

Please do not forget that PTC Sign Ups will take place tomorrow Saturday December 5th starting at 10am. You make access the signups using the link below. Instructions were emailed on Tuesday December 1st 2015 and a copy was sent home with your student(s), you may also find the instructions on the second link below.

Please note that our Wednesday December 16th 2015 date was moved to Tuesday December 15th 2015. **We are no longer accepting phone call or email reservations.**Please understand that appointments are only 15minutes long. If you need more time please arrange for another date and time to meet with your student's teachers.

http://www.signupgenius.com/go/30e0949a9aa23a6f94-parent/http://orlandoscience.org/home-1/front-page/parent-teacher-conference-nights



MS Basketball Tryouts

Middle School Basketball Tryouts

Middle School Basketball Tryouts will be held on Monday December 7th 2015 and Tuesday December 8th 2015 in the gym from 3:45-5pm. Students interested in trying out **MUST attend both days of tryouts and have completed a physical evaluation packet.** Forms can be found online at the link below or in person from Ms. Zeratsky. If you have any questions you may email Ms. Zeratsky at Zeratsky@orlandoscience.org

https://ww2.c2cschools.com/?controller=fileProxy&file_id=4A60590B5F5C4281870D4A3F59 B152AD&auth=D019C983A374C231CDD6392A4DFD2B48



Volunteers Needed !

Orlando Science Elementary School is hosting the Winter Robotics and Legos Invitational on December 12th from 9 AM to 12 PM. Families and JR FLL teams are welcome to attend and explore STEM activities as well as see the JR FLL Showcase. The STEM activities will include Hour of Code, Google Cardboard, Lego Creation Challenges, Holograms, Snap Circuits, Squishy Circuits, Probot and Beebot Programming, the FLL Showcase, as well as the JR FLL Showcase. Coffee, tea, snacks, and lunch will be available at the concession stand. It is open to Orlando Science and Seminole Science families and friends. The cost per family is \$5 and the cost for JR FLL teams is \$25. RSVP here for the event: http://bit.ly/oseswinterrobot. You may pay at the door. If you would like to volunteer, please sign up here: http://bit.ly/wintervolunteers.

Volunteers can be middle or high school students that need hours and even teachers!



OSES/OSS Concert Series

"On December 8th and December 10th will be the OSES/OSS Concert Series. December 8th will showcase choral groups from OSES, and December 10th will present concert bands from OSES and our very own OSS. Both shows start at 5:30 at the school and are \$3.00 at the door. Parking may be limited, so carpool if possible. We hope to see you there as we present 2 wonderful nights of music."



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Inte Arrivals

Students arriving after 8:05am must be signed in at the front desk regardless of their grade level.

Classes Begin at 7:55am for grades 6th-8th and

8:00am for grades 9th-12th.

We cannot thank you enough for your understanding



Please be advised that students will not be permitted to leave school within 20 minutes of the final school bell unless arrangements are pre made with front desk due to our car pool line. We appreciate your understand and cooperation

Extended Absences

Students needing five (5) or more days absent from school will need to fill out a Pre-Approved Leave of Absence form at the front desk. This is to be sure arrangements can be made for your student(s). This form must be turned in five days prior to the absences.

Lunch Menu

Monday	Tuesday	Wednesday	Thursday	Friday
Assorted Cereal Cups, bars, and Bowls offer with toast Gmark Cooks Applesauce cups	Strawberry and Cream Parfait with Cinnamon Granola Pack (2 grain ½ c fruit) Complete meal	% c fruit) Complete Mixed Fruit		Assorted Pop-tarts (2 pack) Diced Pears Choice of Milk
Choice of Milk Choice of Milk		Choice of Milk	Choice of Milk	
30	1	2	3	4
Bean and Cheese Enchilada Charro Pinto Beans (½ legumes) Corn (½ starchy) Whole Assorted Apples (½ fruit) Choice of Milk	Grilled Chicken Salad w/ flatbread (2M, 2G, 1 c. other veg., ½ c. red)- (complete meal with G, M/MA, and Vegetables Mixed Fruit (C) (¾ fruit) Choice of Milk	Chicken Parm with Penne Pasta (V)(2G,2M) Broccoli (3/4 green) Cool Rips (½ fruit) Choice of Milk	Chicken Alfredo with Garlic Bread (3G,2M) (2m/ma, 2g) Sweet Potato Chunks (3/4 c Red) Sliced Apples (1/2 fruit Choice of Milk	8BQ Chicken Pizza (2M, 2G) California Blend Vegetables (3/4c) Grapes (1/2c) Choice of Milk
7	8 65 45	9	10	11
Chicken and Cheese Quesadilla Serve with 1/2 cup Cilantro Lime Mexican Rice Glazed Carrots (3/4 c. Red/Orange) Side Kicks Choice of Milk Choice of Milk Choice of Milk		Meatball Sub (2m/ma, 2g) Broccoli (3/4c Green) Diced Pears(SS) (½ cup fruit) Choice of Milk	Homemade Cheese Pizza (2M, 2G) Homemade Pepperoni Pizza (2M, 2G) Green Beans (3/4C Other) Pineapple Tidbits (C) (3/2c fruit) Choice of Milk	Mac and Cheese with Dinner Roll Peas and Carrots (3/4c other) Assorted Juice Choice of Milk
14	15	16	17	18
Chicken Alfredo with Garlic Bread (2M, 2G) Broccoli (3/4c) Assorted Juice (1/2c) Choice of Milk	Chicken Taco with Salsa Verde (Green Sauce) Charro Pinto Beans (½ legumes) Corn (½ starchy) Apple Slices (1/2c) Choice of Milk	Chicken Nuggets w/ Mac and Cheese (3M, 2G) Glazed Carrots (3/4c red) Grapes (1/2c) Choice of Milk	HAPPY HOLIDAYS Roasted Turkey with Stuffing and Gravy Sweet potato Soufflé (3/4c EL and MS ½ c HS red) Green Beans (½ Cup) Baked Cinnamon Apples (HS Must offer 1 cup) Holiday Cookie (1G) Choice of Milk	Garlic French Bread Pizza (2M, 2G Marinera Sauce (for French Bread) 202 side Italian Blend Vegetable (3/4 c) Whole Red Apples Choice of Milk

HS MUST OFFER A TOTAL OF 1 FULL CUP OF VEGETABLES

