

The School of Innovation Spark Remark

02-02-2018

**GOOD LUCK TO THE HYDRO
HURRICANES AND THE
MUSSEL BUSTERS AT THE
STATE FIRST LEGO LEAGUE
COMPETITION IN DAYTON
THIS WEEKEND! YOU HAVE
MADE YOUR SCHOOL PROUD!
HAVE FUN, WORK HARD, AND
DO YOUR BEST!**

Weekly Schedule

02/05 GREEN DAY

02/06 WHITE DAY

Jazz Band 7:45 am

WESOI PTO Meeting 6:30

02/07 BLUE DAY

Jazz Band 7:45 am

02/08 GREEN DAY

Jazz Band 7:45 am

Writing Club 2:45-3:45 pm

Design Club #1 3-4:30 pm

02/09 WHITE DAY

Drama Club 2:45-4:45 pm



W-E SOI Parent-Teacher Organization

W-E School of Innovation PTO Officers

| | |
|---------------------|--------------------|
| President: | Erin Sikora |
| Vice-President: | Craig Rowe |
| Treasurer: | Hannah Oreh |
| Communic. Secretary | Christine Brady |
| Recording Secretary | Dr. Stephen Atkins |

Thank you for your willingness to volunteer and support our students!

<http://www.wesoipto.org>

Sparks of Interest - Winter Edition

Click on the link to read our latest student-created SOI Newspaper - Sparks of Interest!

<http://pub.lucidpress.com/SOIWinter2018/>

Drama Club

February 9 and 23rd from 2:45-4:45 pm

NEW PICKUP: Please pick up in the front of the school before 5:00 pm.
THANK YOU!

Drama Google Classroom Code: 4lpod3

“All the world’s a stage, and all the men and women merely players;
They have their exits and their entrances...” William Shakespeare

Spring Conference Day

Spring conferences are being held **Monday, February 26th**. Due to limited availability, these conferences are scheduled by teacher recommendation. Your child's teachers will contact you soon if they are requesting a conference. Thank you!

Hidden in Plain Sight

All W-E families are invited to an informational session focused on increasing parental awareness on the topics of substance abuse, underage drinking, eating disorders and more. Mark your calendars for **FEBRUARY 7, 2018 @ South HS (6:00-8:30)**. A huge thank you goes out to the WMS PTO and our Superintendent, Mr. Thompson, for putting on this event. We look forward to seeing all of you there!

WILLOUGHBY-EASTLAKE SCHOOL DISTRICT TO HOST "HIDDEN IN PLAIN SIGHT" - Looks can be deceiving!

That's the message behind a unique traveling exhibit created by the Bath and Copley Township Police Departments. The display is called "Hidden in Plain Sight." The departments constructed what appears to be at first glance the bedroom of the average teenager. But amidst the clutter of clothing scattered on the floor, school supplies on a desk and personal care products on a vanity are more than 150 items that can actually be signals that a young person could be involved in risky, dangerous and even illegal activity.

The audience is encouraged to explore and interact with items in the display which may be indicative that a teenager is involved in substance abuse, underage drinking, eating disorders, sexual activity and more. Participants will be enlightened, educated and astonished.

Willoughby Police Department will also be involved in presenting the exhibit.

THIRD GRADE HAPPENINGS

Updated 2/2/18

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THIS AND THAT

- THANK YOU SOI PTO for allowing us to have Lake Metroparks present the Wild in Ohio program! The kids enjoyed the hands-on activities and learned about different animals that have left Ohio for different reasons.
- Weekly Homework Link- <http://thirdgradesoi.weebly.com/assignments.html>
- Students designed a Penguin Paradise including different features that would help a penguin in captivity get what it needs. They used math skills to find perimeter and area of each feature.

MATH with Mrs. Wadsworth

We have continued to work on learning our fractions, making them equivalent and comparing their sizes. Making fractions equivalent has been the most challenging - please practice this at home if possible. To practice this at school, all third graders are coming home today with a fraction bracelet! We will be taking an assessment on fractions early next week.

We worked on a penguin challenge this week and reviewed our area and perimeter skills from our last unit.

We took our x3 minute tests this week, and will be moving onto x4 next week. If your child doesn't receive 90% or better, they will retake that test the next week. Keep practicing those facts!

LITERACY with Mrs. Roszczewski

We are working on research for our informational reports about our self-selected animals. We talked about paraphrasing vs. plagiarism. When asked to define any vocabulary terms they use in their writing they must be able to explain verbally or they are required to research further to ensure understanding. Students should be completing their research, writing, editing, and final copies at school. If they would like to do additional research at home that's great; however, they should print out the articles or bring in the books they use so that notetaking and their writing are done at school. We spent time clarifying the difference between topic and main idea and practiced identifying main idea in informational text (nonfiction).

DISCOVERY with Mrs. Reed

Life cycles of different animals were the focus this week. We compared and contrasted the life cycles of butterflies, frogs, and mammals. Ask your child some of the ways that all 3 are the same and how they are different.

WORD STUDY

- Final /ch/ rules (tch after short vowel, ch after anything else w/some exceptions as in much, such)
- 'ology" and "" came home this week for those students who have been working on Latin roots.

Fourth Grade

Updated 02/02/18

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Announcements

- Cornell Notes for the biography books are due Feb. 23rd.
- The assignment notebook can be found on our Google Classroom under the "About Tab" and on Google Classroom.

MATH

Mrs. McKito's math class has been working on expressions and patterns. Ms. Leyde's students took the test over patterns and expressions this week. Next week they will be starting Chapter 8, fractions and decimals. Mrs. Goodrich's class is working on identifying and measuring angles. They are learning to use protractors. They are also starting to work on division. All classes make sure you are continuing to practice your math facts daily.

ELA

All students should be working reading their bio tea book. Also all classes are working on a writing piece - "Teacher Swap." Ask your child who he/she is swapping places with in his/her story. Mrs. McKito/Kothera's and Mrs. Goodrich's classes will be kicking off new novels on Monday. Miss Leyde's class started their novel this week.

Science/Social Studies

Science: This week students finished the electricity webquest and next week we will be looking at simple and parallel circuits.

Social Studies: Students began to learn about the causes of the American Revolution this week with a focus on the Boston Massacre and the Boston Tea Party. Next week students will begin a webquest to learn more about the American Revolution.

PBL

- Students have been researching for their Wellness: Get the Word Out project all week this week. Final products will be due Feb. 15th. We will have plenty of class time for this to be accomplished.

The BAM FAM

SOI 5th Grade 2017-2018

Updated 2/2/18

Important Announcements

- Just a reminder that Yearbook forms are due by Feb. 20th.
- Spring Conferences will be on Feb 26th from 3-6pm. If your child is in need of a conference, we will be contacting you soon.
- Please remember to check the assignment agenda each night in google classroom for daily lessons and homework. This document is updated daily.
- For Fun February: Monday 2/5- Grade level color day (dress in white, uniform attire), Wednesday 2/7- bring a stuffed animal, Friday 2/9- Twin Day

Science/Social Studies/STEM

Science/STEM: The Space Assessment was given on Tuesday this week. Overall, I was very impressed! This was a larger unit test and the kids did great. If your child wants to retest, they will need to follow the reassessment procedure. Tests will not go home until the absent students have taken the test. We also are reviewing all Life and Space concepts for our SLO. This will be given next week.

Social Studies: The Shark Tank has come to SOI! Teams of students are competing to come up with the best new business idea (Good OR Service!)

ELA

Alvord: The students have completed their presentations! They have taught each other a lot about past and present day Oaxaca, Mexico and the gypsy culture. We also began reading *The Lightning Queen*. This novel is full of imagery and figurative language. It is a great book that inspires you to go after your dreams and create unlikely friendships.

Bonick: We are reading the novel *Swindle*. What do you do when you get cheated and you have very few options? Can't wait to find out what our characters will do.

McCullough: *The Invention of Hugo Cabret* is the new novel that we are reading. The students are enjoying this historical fiction novel that takes place in a Paris train station in 1931. The book combines pictures and words into a suspenseful story. We are participating in literature circles for this novel and each student has specific role forms to complete for discussions.

Math

Alvord: Dividing decimals can be tricky. We are working hard to understand how to divide decimals by whole numbers and decimals. Next week we will assess the concepts of multiplying and dividing decimals. They may use Study Island to review as well.

Bonick: Working on operations and algebraic thinking (5th Grade). This is a very short unit. Test will be next week!

McCullough: We have finished up the Geometry unit. Next week, we will start our next topic on Operations and Algebraic Thinking with a focus on Expressions.

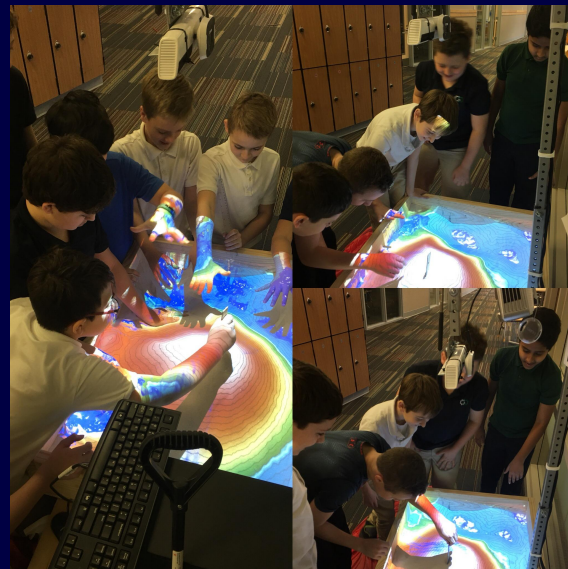
Sixth Grade

6

At the Core



(Left) How did your frog membrane perform after the two tests?



(Right) Grade 6 PreAlgebra is using the AR Sandbox to create a scaled model of Mesopotamia.

In Math: Playing games with Order of Operations early in the week. We are moving into algebra next with both expressions and equations. There was a quiz on Wednesday to make sure Order of Operations were mastered as we move forward.

In Honors Math: With Mrs. Zampini, we worked on scale, scale factor and scale models. We will look at a quiz next week on scale and scale factor. Grade 6 Khan should be completed by the end of the quarter.

Pre-Algebra: This week we worked on Rates, Ratios, Proportions and Scale & Scale Factor. We began an AR Sandbox PBL and will continue working on it next week. We will continue to review 7th grade standards using Khan with a goal of 50% next week.

In Social Studies - Our focus over the next couple of weeks will be a study of the countries we covered in the first semester (M.I.C.E.) with a look into how these regions have developed as modern societies. Next country - India! Quiz grades for Egypt and Mesopotamia have posted.

In Science - We continued our Cell Unit .We completed our PBL looking at frog membranes

In ELA - We have been focused on RESEARCHING this week! Students are using three main sites from which to collect their career information, and everyone is now in the drafting stage. A parent "edit" this weekend would be wonderful, as the students will be peer-editing Monday and submitting final copies on Tuesday, Feb. 6th! I have also heard several enrichment proposals and can't wait to see what our SOI students are able to put together for their classmates!

***NWEA** - Study Island individual career path (5 blue ribbons were due Monday)!

****"Connect Four"** - Students should be reading their 3rd book of the quarter (next response is due Monday, February 12th).

Happy Birthday!

Daniel S. 2/2, Myla S. 2/7, Matthew V. 2/8

7th Grade SOI Sparks

ELA

Our 7th grade SOI writers chose an historic event of which to research and write, adding their own touches to create pieces of historical fiction. Ask your writer to share. They are awesome! Second 20 Time has begun and our students are researching, writing, building, playing (instruments), and experimenting. Will keep you posted!

Math

This week in math we have worked on...

Algebra 1

- Multiplying Polynomials
- Factoring Polynomials

Pre-Algebra

- Graphing Systems of Equations
- Solving Systems of Equations

Math 7

- Solving Multi-Step Equations
- Solving Multi-Step Inequalities

Science

This week we concluded our chemistry study and began our study of the atmosphere. Students had the choice to display their knowledge of the layers of the atmosphere through either a digital or paper diagram.

Next week we hope to be able to make and stain our wood Olympic medals that are being created in the FAB lab.

Humanities

Students completed their study of Rome. We are eagerly awaiting to take our virtual field trip to Ancient Rome. Hopefully we can get the school wifi to cooperate soon.

Next week will be begin our study of Africa.

Engineering

We are working with **ENERGY** in engineering. Our current build consists of student groups constructing a "Solar Machine" of their choice. It should get nice and messy over the next couple weeks!



SOI ENCORE PAGE

Art and Computer

3rd Grade: Students 26-50 painted their rocks this week. Once I publish them on Artsonia the students will bring them home.

4th Grade: The students finished their color wheel art which includes their name, oil pastels, and watercolors.

5th grade: Students are finishing up their sun and moon projects.

6th grade: The students learned several different tags for coding and are working on adding content to their websites.

7th grades: Rotation 1: Students are working on designing their App! The students also began Unit 5 in code.org Data and Society. Rotation 2: The students learned several different tags for coding and are working on adding content to their websites.

P.E NEWS

3rd- 5th: A strange week for P.E. with the changes in weather. Some classes were able to go outside and snowshoe while others started their Pillow Polo Unit in class that ends with a championship for each grade level. Please remember that weather will not stop our P.E. classes from going outside so I will always send a note thru Dojo reminding the parents to make sure the kids are dressing warm.

Middle School: The 6th grade was able to get out and snowshoe before the snow left us and had a great time with their friends. Also, the 6th and 7th grades finished up their unit on Pillow Polo and teams have moved onto the championship brackets during their indoor lunch time. Congrats to all the students.

Music

DATE CHANGE FOR BAND-A-RAMA

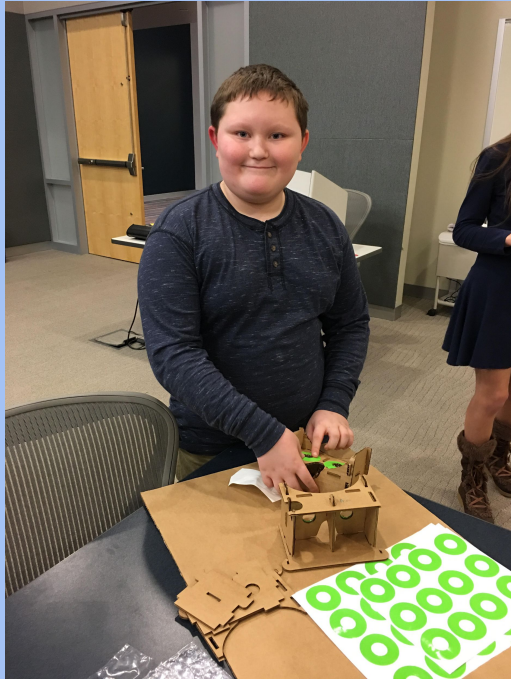
PLEASE MARK YOUR CALENDARS FOR TUESDAY, FEBRUARY 20TH @ SOUTH @ 7:00 P.M.

5th Grade Band Parents: A number of students have been forgetting to bring their instruments to school. If they're having trouble remembering which days of the week are white days, have them bring their instruments to school on Mondays and take them home on Fridays each week.

3rd & 5th Grade Music Students have finished writing lyrics to their first song for our spring concert. The concert is May 9th at South.



WE FAB LAB



What Are SOI Kids Making?

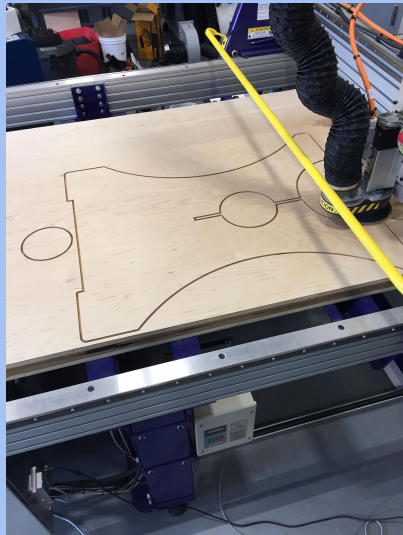
Grade 3: Students are finished 3D printing their bird beaks. I hope they shared them with you and explained how and why they chose the designs they did.

Grade 5: Teams will be using the Fab Lab to fabricate prototypes of their designs to pitch to some “sharks”!

Grade 6: Students will be assembling their VR glasses very soon. The teachers have some great tours planned for them!

Grade 7: Students are busy designing their Olympic medals in CorelDraw x7. We will be cutting these on the laser in preparation for their PBL. I can't wait to see their chemical reactions!

Mrs. Legerski & Mr. McKinney will be working on the Shopbots during the next few weeks. We are getting ready to introduce our middle school students to the CNC possibilities.

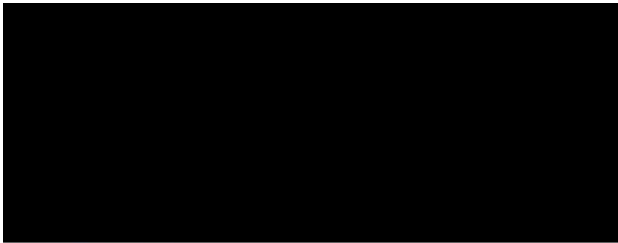


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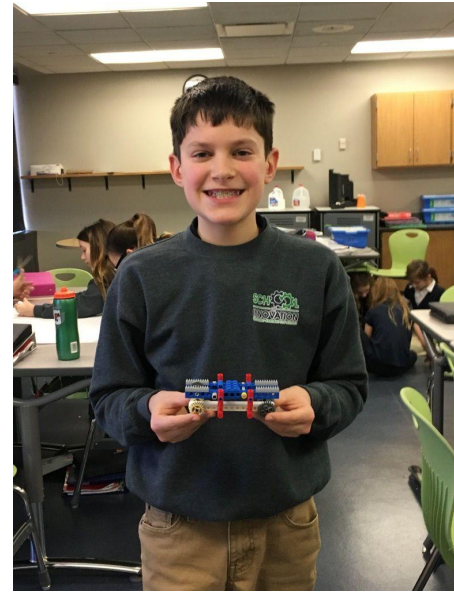
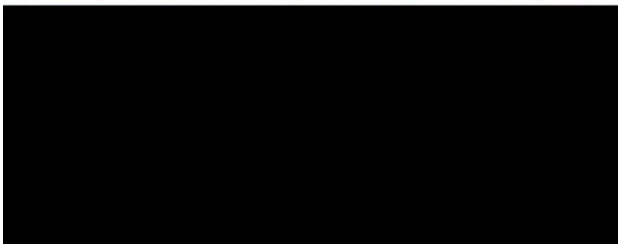


Coach Legerski @mrslegerski
Coach Myers @wefabmobile

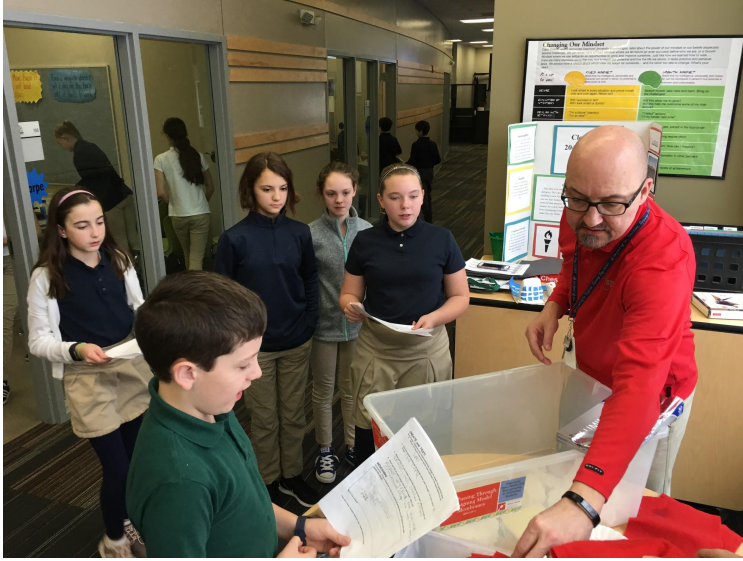
SOI Picture FUN



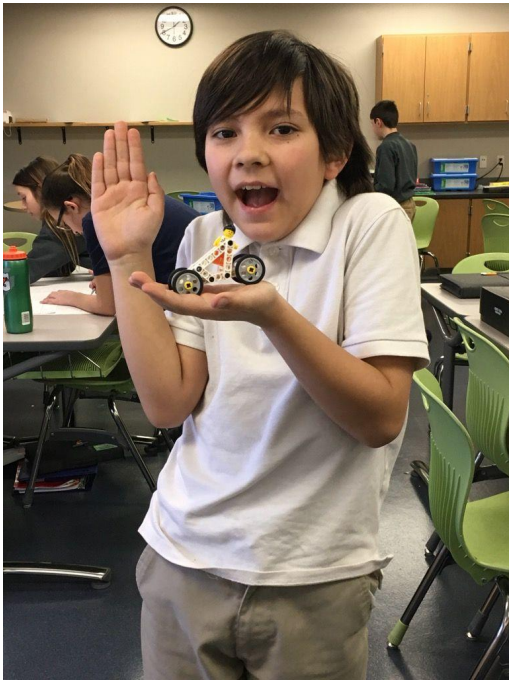
 Crazy Socks Day



SOI Picture FUN



SOI Picture FUN



Virtual 3-D Sandbox! Amazing!!!

