

The School of Innovation

Spark Remark

11-03-2017

A Message from Mr. Patrick

The students of SOI have been busy with service projects over the last few weeks. Socktober netted a district total of 6,000 pairs of new socks (3,000 from SOI)! We have been collecting candy and making cards for active-duty sailors and veterans from all branches of our armed forces. Students in the 7th grade are developing Genius 20 projects, some of which are service oriented. We will also be donating toy stockings to needy children this month (over 200). The staff and students thank all of you for supporting our efforts to make a difference in our community. When the students of SOI see *YOU* participate, *THEY* want to participate, and make their community a place we *ALL* want to live! Have a wonderful weekend!

Weekly Schedule

11/06 GREEN DAY

11/07 NO SCHOOL

11/08 WHITE DAY

11/09 BLUE DAY

Conferences 3:30-6:30

11/10 GREEN DAY

5th grade to Cleveland Orchestra (will be back for lunch)

Upcoming Levy Update

Willoughby-Eastlake City Schools will place a Substitute Levy on the ballot on November 7th, Issue 7. This levy will replace an Emergency Levy and will **NOT INCREASE YOUR TAXES**. Please visit our website WESchools.org for complete details regarding Issue 7. The funds from this issue are used for the maintenance of facilities and classroom instruction. Please remember to vote on November 7th.

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>

Spirit Wear Link

PTO SpiritWear Online

The W-E School of Innovation PTO has a link that allows you to buy SOI Spirit Wear! Just click here: <http://www.wesoipto.org/spiritwear.cfm>

There are t-shirts, uniform polos, sweatshirts, pullovers, winter hats and jackets! You must order your gear by **November 17th** in order to have it for the holidays.



Important Upcoming Events

- 11/07 No School - District Professional Development Day
- 11/09 **Conferences (3:30-6:30 pm)**
- 11/10 5th grade visit to Cleveland Orchestra (Back for lunch)
- 11/11 FIRST Lego League Scrimmage (times TBD)
- 11/13 **Conferences (3:30-6:30 pm)**
- 11/15 Pastries w/Parents (7:00-8:30 am)
- 11/16 Pastries w/Parents (7:00-8:30 am)
- 11/16 **Picture Retakes (See box below)**
- 11/17 PTSO SOI Spirit Gear order deadline for Dec. 5th delivery
- 11/23 No School
- 11/24 No School
- 11/27 No School
- 11/29 Fall Music Concert Grades 3, 5, 6 6:30-7:30 @ North HS
Fall Music Concert Grades 4, 7 7:30-8:30 @ North HS
- 11/30 USA Skate Party for SOI 6:00-8:30 pm
- 12/04 Book Fair Week!

NOV. 16 PICTURE RETAKES

If a child *did not* have their picture taken, or would like to have their picture *retaken*, a photographer will be at SOI on Thursday, November 16th, in the morning. We will have picture package envelopes available in the office in about a week. If you want retakes please send the original package in with your child for an exchange when they have their picture taken on 11/16.

7th Grade Athletics Update

In order to participate in a winter sport, athletes must have a physical.

[OHSAA Physical Form Link](#)

Important Dates for MS Athletics

EMS Wrestling: Conditioning: 11/8 and 11/10 (3:30-5:15 pm)
(study tables until 4:00)

Practice: Begins on 11/13 (3:30-5:45 pm)
(study table until 4:00)

See the link for the complete [EMS Wrestling Schedule](#).

WWMS Wrestling: Pre-Season Open Mats: North HS, 11/6
(3:15-5:00)

at WWMS

Official Practice: 11/10 (3:15-5:30 pm) at WWMS

WMS Wrestling: Parent Meeting: 11/9 @ 4:15 pm

Conditioning: 11/7 (3:15-4:15 pm), 11/8 (3:15-4:15)

Official practice start date: 11/10 (3:15-5:15 pm)

[Winter Middle School Sports Information Link](#)

Crayola Marker Recycle Effort

The School of Innovation is teaming up with Crayola to recycle used **markers** and **dry erase markers** to make fuel. For more information go to:

<http://www.crayola.com/colorcycle.aspx>



The Crayon Initiative

The School of Innovation is also teaming up with The Crayon Initiative to recycle old crayons. This nonprofit will remanufacture the old crayons and donate them back to schools, hospitals, arts programs and other child organizations. Just send used crayons in to school and we will do the rest!



THIRD GRADE HAPPENINGS

Updated 11/3/17

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pam.wadsworth@weschools.org

THIS AND THAT

- Vision screenings began this week.
- Conferences- Students are working on a presentation for your parent-teacher conference. Please do not take a peek at this presentation in google classroom before your conference.
- Our field trip is Monday Nov 6. Third grade will tour several local government buildings. Students will wear their **UNIFORMS** & need a **PACKED LUNCH!** We will eat at one of our stops!

MATH with Mrs. Wadsworth

Math 1 and 2 - We took our chapter 3 test this week and will be moving on and working more on multiplication.

Math 3 - We took our chapter 3 test this week and will be moving on to multiplication practice. All math groups are working on making up a song to help us learn multiplication facts. We will be presenting these to our classes soon!

Reminder- Addition and Subtraction Facts Update coming home soon!

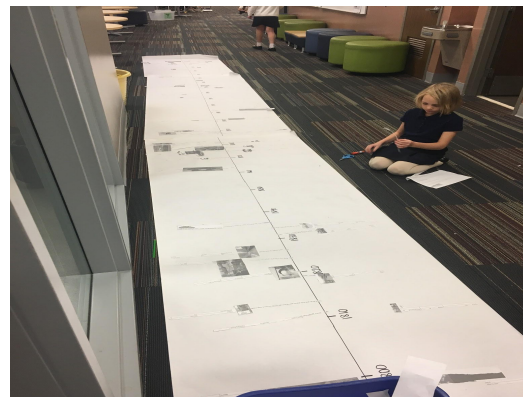
LITERACY with Mrs. Roszczewski

We worked with informational text this week. We used text evidence to prove our answers in written comprehension questions. We also practiced using context clues. We did some research about the history of some of our favorite candy. We practiced our speaking and listening skills with presentations about our candy as well as conference presentations. This week we spent time writing friendly letters to veterans for Veteran's Day and making cards for deployed sailors who will not be home with their families for the holidays.

DISCOVERY with Mrs. Reed

We wrapped up our big focus on 'Changes Over Time' creating a collaborative timeline and diagram for the rock cycle. The timeline is hanging near the treehouse for you to stop and see during your conference. Our field trip on Monday will begin our study of local government.

**3RD GRADE INTERACTIVE
TIMELINE ON CHANGES IN
TRANSPORTATION,
COMMUNICATION, AND OUR
COMMUNITY**



4th Grade Update

Updated 11/3/17

TECHNOLOGY/ ENGINEERING/ PBL

Students worked to review the materials resources we obtained from Then Design. We have started to plan out our ideas for new shelving as well as carpet ideas. A group of parents will be helping next week to empty out the current recycle room so that we can start to get it ready to become our new book room. We are also starting to put our current books on carts so they can be used by students during the transition period.

What Are We Learning?

MATH - Students in Mrs. McKito and Ms. Leyde's math classes are beginning Chapter 4 which is dividing with two digit divisors. They are also working on designing a movie theater. Students in Mrs. Goodrich's class are working on constructing a cider mill and are working factors and multiples and prime and composite numbers.. The math test over Chapter 3 will be next Thursday.

SOCIAL STUDIES - In social studies students will be learning about the historic Native American tribes that were present in Ohio.

SCIENCE - We are continuing to learn about producers and consumers within our ecosystems.

ELA - The students are really excited about starting their novel Hoot. Ask them about what they have read so far. Also, we learned about using context clues to help us identify unknown words.

Announcements:

We are donating any unwanted candy to the troops! Please send in any candy you have by MONDAY!!!!

The assignment notebook can be found in Google Classroom under the About tab and it can also now be found in Class Dojo.

Conferences started last week. We have our second night this Thursday.. We would like for them to be student-led conferences so please plan on bringing your child with you to conferences.

The BAM FAM

SOI 5th Grade 2017-2018

Updated 11/3/17

Important Announcements

- PBL exhibitions are held at the public libraries. Please ask your child which library their work is at. Feel free to invite your extended family to view these displays, too! These will only be on display until before Thanksgiving.
- Our next round of conferences will be held November 9th. Please check clasdojo for a reminder. Students are encouraged to come to the meeting along with their chromebook.
- Friday, November 10th we will head to the Cleveland Orchestra! Students are to wear their uniforms. We will return to school by noon and eat lunch at school.
- Monday, November 13th we are honoring Veterans Day here at SOI. If you or anyone you know would like to attend, it is from 9-11. We would love to see the veterans there that day!

Science/Social Studies/STEM

Science/STEM: The students recapped the inner planets on Friday with a kahoot! They were able to see how the composition of the land and the atmosphere is different on each planet. Next week, we will explore the outer planets as well.

In STEM, the students used a cool program called Floorplanner to create 3-d blueprints of a classroom at SOI. They loved this program!

Social Studies: Students were assigned Simple Booklets on a South American country (Due Nov 13th). We are preparing for our next test, Nov 9th on Central America and the Caribbean.

ELA

Alvord: This week the students began learning how to write summaries of nonfiction text. They also used noredink to review adjectives and adverbs. Next week, we are hoping to begin our next novel and read our mysteries to the 3rd graders!

Bonick: ELA contract turned in on Nov 3. Students did great on recognizing figurative language. 3 Times Lucky continues to surprise and entertain.

McCullough: We have continued to read the mystery novel, The Westing Game. There are over 16 characters in this exciting mystery! Reviewing nonfiction text structures have also been a focus in class. Additionally, we started a Daily Language Review each day, which helps practice common 5th grade grammar and language skills.

Math

Alvord: On Friday, the students were assessed on division with one digit divisors. I am so proud of how much they have learned. Our next step is to master division with two digit divisors.

Bonick: We worked with fractions all week. The students made great progress on their paths!

McCullough: We learned about rates, unit rates, and ratio tables this week in class. We also used our knowledge of coordinate graphing to incorporate these skills into visual representations. We will have a mid-chapter quiz on Monday.

Sixth Grade



New Beginnings

As our new 6th graders entered the world of middle school, we immediately began our first capstone, "New Beginnings." Over the next few weeks, the SOI 6th grade will be looking at the Ancient River Civilizations of Mesopotamia, India, China and Egypt and exploring their (GRAPES) Government, Religion, Arts & Achievement, Politics, Economics and Social Structures. We will be learning about how and why these civilizations started, how the resources they had influenced them, and how their people formed governments and religions. As we learn about these historical civilizations, we will be reading about utopian and dystopian civilizations. We will be looking at the same GRAPES categories of these fictitious societies and trying to draw parallels. In the end, the students will have learned enough about civilizations to be able to create their own civilization and market it at a Trade Expo.

In **Math** - Chapter 1 is done! We started prepping for our chapter assessment which will be next week, probably on Wednesday. We will be tackling the 21st Century Test as prep. Please keep up with Khan!
In **Honors Math**: Chapter 1 is complete. We have been doing the 21st Century Test as prep, and we will finish that on Monday. Test will be Tuesday. We also are continuing our understanding of algebraic expressions in chapter 5 by looking at simplifying by combining like terms. We will continue to review 6th grade standards using Khan. Students also began working on MakerMinded.

Pre-Algebra: This week we completed our study of equations and took a chapter test. Just remember, when the chapter is done, the application has just begun. We will continue using equations all year. Currently we are about 75% completed with 6th grade Khan.

In **Social Studies** -We finished our study of Ancient Egypt and life on the Nile and are moving east to the Indus River Valley. Egypt tests will be passed back next week, but grades are in PowerSchool. Question of the Week: *How do the civilizations of Mesopotamia and Egypt differ?*

In **Science** - We spent the week doing an alternative assessment on Resources, both renewable and nonrenewable. We finished presenting them today. On Monday, we begin a mini unit on the Microscope. Question: What do you feel is a good alternate energy source for Lake County?

In **ELA** - We are thrilled to announce that we have started the Word Masters Challenge this week! This program will enrich each student's vocabulary, primarily through the use of analogies and verbal reasoning. The first official "challenge" will be held at the end of November, so remember to study your blue/gold word lists!

*We did a brief study of Edgar Allan Poe and read the "drama" version of "The Fall of the House of Usher." Thank you to all of the students who assumed roles and performed for their classmates.

*In keeping with the study of Egypt, we studied an African folktale, and students are beginning their own "WHY/Pourquoi" tales!

Happy Birthday!

Jonas Hanks and Chris Preston (Nov. 4th)!

7TH GRADE SOI SPARKS

ELA

Students are on (week 5) day 5 of their Google 20 Time research and projects. Please ask your child to tell you about his or her current passion project. They chose reading selections within their lexile ranges on Readworks.org and turned in version one of their informational essays.

Math

This week in math we have worked on...

Algebra 1

- The analytics of Parallel and Perpendicular Lines
- Linear Regression Lines

Pre-Algebra

- Algebraic Expressions and "Like Terms"
- The Distribution Process

Math 7

- Simple Interest and how it works in "Real Life"

Science

Our students did a wonderful job presenting the Water Quality PBL to our partners, district administration, board members, city council members, parents and the 4th graders. Students discovered what happens to a gummy bear when left in a cup of water, salt water, baking soda water, sugar water, and vinegar overnight.

Humanities

Students worked on water quality presentations and presented to our community.



A SPECIAL THANKS GOES OUT TO THE PARENTS WHO WERE ABLE TO ATTEND THE WATER QUALITY PBL PRESENTATION AND TO THE PTO FOR CREATING A FUN HALLOWEEN PARTY FOR OUR STUDENTS! WE APPRECIATE ALL THAT YOU DO!

SOI ENCORE PAGE

Art and Computer with Mrs. Withrow

Please keep sending in your old crayons for our crayon recycle!

3rd Grade: The students published their "Crankensteins" on Artsonia and were given information to take home about Artsonia. They also worked on code.org.

4th Grade: The students completed an Unplugged activity for code.org and are able to continue working on Lessons 7 and 8 on code.org

5th grade: Students finished their "Spooky Trees" which are published on Artsonia and worked on code.org.

6th grade: Students worked on completing their websites, which are due Monday, November 6th. We also began exploring the next Unit in CS Discoveries: Animation and Games.

7th grades: Students have been working their way through Unit 3: Animation and Games.

P.E NEWS

3rd and 5th: This week we finished up our unit on soccer and with the couple good weather days were able to go outside and practice our skills with some mini games on the blacktop. The students were taught the basics with soccer so they can start playing outside of school.

6th P.E. Finished our soccer unit and the students started into their state required teaching assignments for P.E. Each 6th grader in P.E. will teach a lesson on a P.E. related activity to the class over the next 4 weeks. Ask your 6th grader about their lesson.

7th Grade Health: The class and I are starting into the foundations for health class and getting to know each other so we can address the topics and create action plans. This week the students created a "Who Am I" presentation to share with the class on their likes/dislikes/family and goals they have for themselves. Make sure your child shares their presentation with you .

MUSIC

5th Grade Goes to see the Cleveland Orchestra on Friday, 11/10 from 8:30-12:30 (lunch will be at school)

Jazz Band Starts
Tuesday, 11/14

Come see our first performance of the year titled Out of School and Into Nature

November 29th at North High School (NEW DATE)

2 Performance Times:
6:30 pm Grade 3, Choir 5 & Band 6
7:30 pm Grade 4 & Band 7



WE FAB LAB



Meet the Epilog Helix 50 watt Laser!



The Epilog Helix 50 watt Laser is a versatile workhorse for our Fab Lab.. It has many applications.

Students have used it to create bookmarks, coasters, building blocks and many other items.

*We have engraved on glass, wood, tshirts, paper, pumpkins and even potato chips! Laser vocabulary you might hear from your child include **raster**, **vector** and **hairline**.*



What Are SOI Kids Making?

Grade 3: Students will be engraving the rocks that they brought in as a part of their rock unit in science.

Grade 4: Students are installing and learning to use Tinkercad to get ready for a 3D printing adventure!

The Newest Fab Lab

During the past week and into next week, the coaches have been working hard to open the second Fab Lab at SOI.

The Middle School Fab Lab has bigger and more powerful equipment to allow students to continue to develop rapid prototyping skills.

We will fill you in on the newest equipment in the next few weeks!



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Coach Myers [@wefabmobile](https://twitter.com/wefabmobile)

