

The School of Innovation Spark Remark

09-29-2017

Precautionary Lockdown

The students and staff of the School of Innovation did a remarkable job of staying calm and following protocol during our precautionary lockdown on Thursday. Willoughby Hills Police had a situation locally and deemed it wise to lock down area schools. Our staff moved students into rooms until the threat was lifted. Students were addressed Friday about the threat, how well they reacted, and that we were all safe! Thank you all for your support following this unfortunate event.

Fall Bonanza Update

Students are still talking about how much fun they had at the WESOI PTO sponsored Fall Bonanza! Families had fun with food, drinks, hayrides, and crafts!

Thank you for a GREAT Fall event WESOI PTO!

Weekly Schedule

10/02 Green Day

10/03 White Day

+ Grade 7 to Chagrin River
for Water Quality
+ PTO Meeting 6:30

10/04 Blue Day

10/05 Green Day

+ Grade 3/5 Hearing
Screenings
+ Grade 7 to Manufact. Expo
at Wickliffe HS
+ Marco's Pizza Night
(Grade 3 box night)

10/06 White Day

+ Grade 5 to Art Museum

Concert Announcement!

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

Monday, November 6th

North High School

2 Performance Times:

6:30 = Grade 3, Choir 5 & Band 6

7:30 = Grade 4 & Band 7



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>

Giant Eagle and Heinen's

Giant Eagle has developed a partnership with schools called 'Apples for Students'. The idea is simple. Go online and link your Giant Eagle Advantage Card to The Willoughby-Eastlake School of Innovation (school #5922). Then, every time you use your Giant Eagle Advantage Card, our school gets points that are turned into cash donations from Giant Eagle. Any person can do this, in any state! If you are already shopping at Giant Eagle, this is a great way to indirectly support our school without spending more than you already do for groceries! Go to: Schools.GiantEagle.com to register your card and link it to The Willoughby-Eastlake School of Innovation (#5922).

Heinen's has a similar program called *Teaming up with Education*. Just go online to: www.heinens.com/home/tasteful-rewards/ and either get a card, or renew your card (annually) with the School of Innovation. Then all purchases will indirectly raise money for SOI!

Thank you for your continued support towards our wonderful school!



SOI Writing Club

SOI will be starting a new **6th and 7th grade Writing Club!** We will meet **every Thursday, from 2:45-3:45**, starting on October 5. Please be prompt with pick up. **Coach VanArnhem and Coach Royko** will be working with our group of young authors to experience all writing genres. We will be entering writing contests, participating in writing challenges, and writing within our community.

SOI Honor Society

In 2018 The School of Innovation will create a 7th grade Honor Society. The committee will be looking for **7th grade students** who have a minimum **GPA of 3.3** and who are actively involved in their school and community. Honor Society students will be positive role models and complete service hours in addition to participating in other fun club activities. Applications for SOI's Honor Society will go out to 7th graders before Winter Break! There will be a minimum of **20 hours of volunteer work required** to qualify for the Honors Society. See **Coach Koon or Coach VanArnhem** for more details!

7th Grade Athletics Update

In order to participate in a winter sport, athletes must have a physical. [OHSAA Physical Form Link](#)

All three middle schools are having 7th Grade Boy's Basketball tryouts on October 18th, 19th, and 20th. Boy's Basketball Tryout information sheets are included in the link below. Wrestling starts in mid-November and Girl's Basketball tryouts will be in December.

To see the middle school's winter sports information, use the following link. We will be updating the Google Doc as information is shared with us.

[Winter Middle School Sports Information Link](#)

W-E Schools Substitute Levy

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.

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!



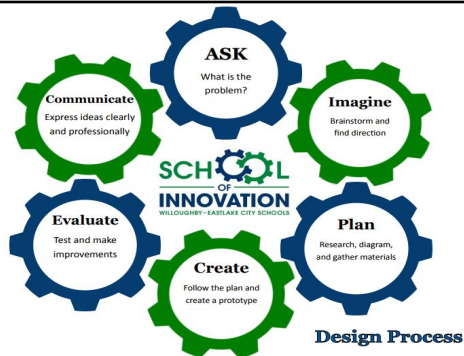
THIRD GRADE HAPPENINGS

Updated 9/29/17

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New Design Process Model at SOI

THIS AND THAT

- Conference Nights will be November 1, 9, 13 from 3:30 to 6:30. Due to the nature of our classes at SOI, we will be contacting families in the next few weeks with sign up information via email or Class Dojo.
- Look out for information regarding SOCKTOBER coming up soon!

MATH with Mrs. Wadsworth

All math groups are working on addition, subtraction, multiplication and division facts! Each student is at a different level, and will be recording their data in their math journals. A letter with your child's score on the most recent fact assessment will be sent home early next week.

All math groups have been working on estimating sums using addition and subtraction. We have also been looking at adding and subtracting multi-digit numbers. Subtracting across zeros has been a little tricky!

There are several videos and links on the math google classroom to help at home.

LITERACY with Mrs. Roszczewski

In writing we are learning how to give constructive feedback as we begin to peer edit. We created student accounts on Readworks.org and read a nonfiction article. We made our first entry in our "book of knowledge" to record facts we learned from the article. Literacy contracts were introduced and we created student accounts on noredink. We will use this site to practice grammar skills during literacy contract time.

DISCOVERY with Mrs. Reed

Students have been reading Ohio Studies Weekly while learning information about different kinds of maps. They are working on making their own map of the school and possibly their rooms.

4th Grade Update

Updated 9/29/17

TECHNOLOGY/ ENGINEERING/ PBL

Fourth grade students presented their idea to redesign our book room into a library to Mr. Thompson and Mr. Patrick on Friday. Both were very receptive to their ideas. Mr. Thompson asked for more information concerning a budget that includes specific shelving ideas, carpet ideas, and book needs. The fourth graders will be working to gather more information to present to Mr. Thompson soon.

What Are We Learning?

MATH - Students in Mrs. McKito and Ms. Leyde's math classes are working on prime factorization and exponents, as well as multiplying powers of ten. Students in Mrs. Goodrich's class are working subtracting larger numbers with regrouping, especially across zeros.

SOCIAL STUDIES - In social studies students are learning about Ohio's earliest people from prehistoric times. We are starting to discover how each culture learned new technology as time passed.

SCIENCE - In science we are working on ecosystems and rocks and minerals.

ELA - All classes have been reading a novel and reading nonfiction text from Time for Kids. We are also utilizing No Red Ink for grammar practice and assessment.

Announcements:

This week we were fortunate to have Quin's brother Seth, who is in the Air Force, Security Forces, come to talk to us about what he does. He told the students all about his training and his upcoming position in Italy. Thank you so much for taking time to come spend some time with us!

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

Conference sign up links will be coming out next week. We are working to assign each student to the appropriate teacher or teachers for their needs.

The BAM FAM

SOI 5th Grade 2017-2018

Updated 9/29/17

Important Announcements:

- The Art Museum is 10/6. Uniforms are required on this day. It is a white day. The students will not be changing for gym when we return. They will go straight to encore. The only thing your child needs on Friday is their chromebook. Please remember to pack a lunch that day.
- Conference sign ups were sent by the BAM teachers through dojo as a Google Doc you can edit. If you don't have an app on your phone to edit the doc, you can: either open it on a desktop/laptop OR copy and paste the doc link on your phone to an email, and then send it to yourself. THEN open on a laptop or desktop computer.

Science/Social Studies/STEM

Science/STEM: Our week has been consumed with research. Research for our PBL, which involves life sciences. All research must be completed by Monday. We have encouraged the students to check in with their group members to make sure that their information is accurate and similar to their peers. Next week will begin making the display!

Social Studies: We had our first test this week on Geography and Latitude/Longitude! Regions of the Western Hemisphere is next!

ELA:

ALL: Connect4 reading is a graded component in ELA. Each book and response that your child completes is worth up to 10pts. These must be completed before Oct. 17th.

Alvord: Final drafts of "When I was Brave" were turned in this week. I am looking forward to reading their stories! We are about halfway through Pax. While reading, we have reviewed concepts and skills on conjunctions, subject and predicate, compare and contrast and cause and effect.

Bonick: ELA contract due on Oct 6th. We finished our awesome class novel and will have some fun with an app called Flipgrid to review it next week. Don't forget your Connect 4 books!

McCullough: This week we compared and contrasted "The One and Only" Ivan with some non-fiction text about animal friends. Also, we've been busy learning about: identifying different text structures, greek/latin roots, and fragments/run-ons

Math:

Alvord: Distributive property is being mastered by all!!! I love it! We are also understanding how to estimate using compatible numbers and rounding to the nearest 10. I love seeing the students show their work and how proud they are of themselves when they master a skill! Next week we will be multiplying by one and two digit numbers.

Bonick: We finished our first learning path in 5th grade Number and Base 10 operations...time to move to the 6th grade Learning outcomes!

McCullough: We practiced dividing fractions and reviewed multiplying fractions. Next Thursday will be the chapter test.

Sixth Grade

6

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** - Percent chapter test is coming up next Tuesday. Put some time into your 21st Century assessment this weekend. We will continue to prepare on Monday. Don't forget to keep up with Khan!

In **Honors Math**: Unit rates and ratios are the new topic for this chapter. On Monday we will finish the integer unit and take an assessment on integers. We will be moving into Algebraic Expressions (Chapter 5). We will be continue to review 6th grade standards using Khan.

Pre-Algebra: We completed our studies of integers this week and took an assessment on the chapter. We are continuing to work on solving equations and inequalities and will begin the chapter on expressions.

In **Social Studies** - We completed our discovery of ancient history in chapter 21: Early Humans and the Agricultural Revolution. Tests will be made available next week for retake opportunities. We will begin our studies of Ancient River Civilizations next week with Mesopotamia and the Fertile Crescent Area. Question of the Week: *What are 5 characteristics that all 4 Ancient River Civilizations share in common?*

In **Science** - We are in...Rocks and Minerals! Extra thanks to Mrs. Booher for bringing in samples to look at in class yesterday. We will welcome a guest speaker next week to talk with our classes about energy sources. Q of the week: What 5 questions do you ask to make sure you have a mineral?

In **ELA** - **Bing, BAM, Boom** is back! Yes, 5-paragraph essay writing is a major component of the 6th grade standards. Our first essay topic revolves around the importance of plot events and their effects on characters. Please review the format (shared in your ELA Google classroom), and use this as a guide to help you throughout the year as we continue to develop our written expression! *We also signed in to our online textbooks and explored the setup of both the literature and grammar editions. Who knew there was still so much to learn about nouns (concrete/abstract, count/non-count, etc.)? WOW! *"Connect Four" - The 4th book response is due October 10th.

Ambassador PBL: This week students signed up and received assignments for the SOI Student Ambassador program they are creating. Some students will be creating take-aways in the FabLab, some are creating pamphlets to give to tour groups, and still others are creating pre- and post-tour surveys. All students are using their skills and talents to make the ambassador program successful for the remainder of the school year.

7TH GRADE SOI SPARKS

ELA

Students finished Treasure Island and worked on a summary statement and question for peers. Grammar pretests are indicating individual strengths and areas needing study and practice. Khan Academy is being used as a guide. Will be conducting an author study in near future! Novel test on Wednesday.

Math

This week in math we have worked on...

Algebra 1

- Solving absolute value equations.
- Solving and graphing linear inequalities.

Pre-Algebra

- Rates / ratios / and unit rates
- Solving proportions

Math 7

- Applying unit rates in the "Real World"

Science

Students were able to use the Biology Room to complete a lab about porosity and permeability of sand, soil, gravel, silt, and clay. Students also practiced using our water quality testing kits in Euclid Creek. On Friday we worked on our identification of macroinvertebrates which will help us determine the water quality of the Chagrin River.

Humanities

Students are excited to conquer various legs of our Amazing Race! Teams are close, neck-to-neck, in some cases.

I have been proud to observe their efforts and grit when researching each clue/question card.

Engineering

This week in engineering we started the "Move a Marble" challenge. Students were asked to build contraptions that could move a marble with the aid of human touch! We found it wasn't as easy as it seems....

WE HAVE TWO FIELD TRIPS NEXT WEEK!

TUESDAY, OCTOBER 3RD WE WILL BE DOING WATER QUALITY TESTING IN THE CHAGRIN RIVER

THURSDAY, OCTOBER 5TH WE WILL BE AT WICKLIFFE HIGH SCHOOL FOR THE THINK MANUFACTURING EXPO. PERMISSION SLIPS WENT HOME TODAY!

SOI ENCORE PAGE

Art and Computer with Mrs. Withrow

We are currently recycling old crayons to help with a community project-please send in any old crayons!

3rd and 4th: The students began working on the background for their music concert in November.

5th grade: Students are working on Op Art, optical art, which is an abstract art that uses optical illusions.

6th grade: Students finished up their Op Art and began building their Webpage on code.org. They began to learn how to code using html. The students also learned about Digital Footprints and why privacy matters.

7th grades: The students continued on into Unit 2: Web Development. The students are learning about Intellectual Property and Copyright. They learned what a creative common license is and how they can add images to their webpage.

P.E NEWS

3rd and 5th: we were able to get outside and enjoy the indian summer in a larger playing area. The students completed their pre-test for the mile walk/run and the 3rd grade was introduced to capture the football and a design challenge with hula hoops. We will continue play outside as much as we can until the weather pushes us inside.

7th Grade just completed Pillow Polo & Hockey and are moving into Team Handball. Congrats to the class champions " PAPA'S FRENCH FRIES.

6th Grade just Completed Pillow Polo and will be moving into Strategy Games next week. Congrats to our class Champions " SQUIDWARD & THE SPONGEBOBBERS" and THE MIGHTY DUCKS.

MUSIC

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

Monday, November 6th
North High School

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

JAZZ BAND STARTING SOON.
Beginning in the 2nd Quarter.

For: 7th Graders

We will practice Tuesdays & Thursdays before school.
More information coming soon.



WE FAB LAB



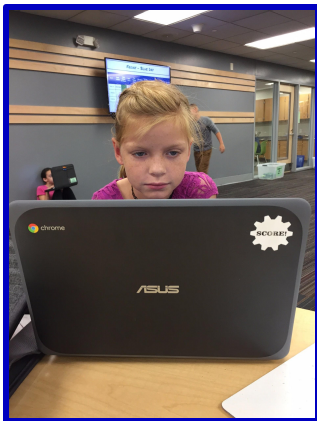
Meet the Roland BN-20!



The Roland BN-20 is a desktop inkjet printer/cutter. It has many applications.

Students have used it to create posters, game board vinyl, stickers and charts.

The gear vinyl you see on our lockers, in the coatroom and on chromebooks was made using our Roland BN-20.



What Are SOI Kids Making?

Grade 6: Our 6th graders are in the process of designing their 3D foam stickers that they will cut on the Epilog Helix 50 watt laser next week. Students will use Corel Draw 7x to create their design.

Grade 7: Students used Corel Draw7x to design passport covers. We will be fabricating their designs next week.

Fab Stats: This week we printed 125 stickers, cut 41 pieces of foam, made 13 3D prints and did some maintenance on the Roland BN-20 poster maker/vinyl cutter.



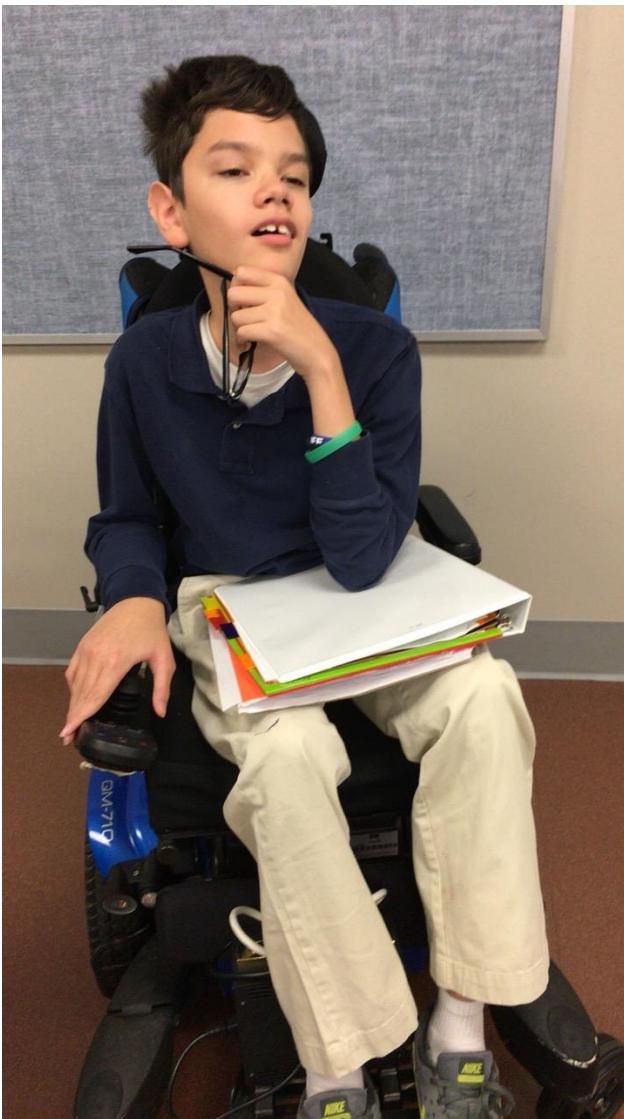
Follow us on Twitter!

*Coach Legerski @mrslegerski
Coach Myers @wefabmobile*

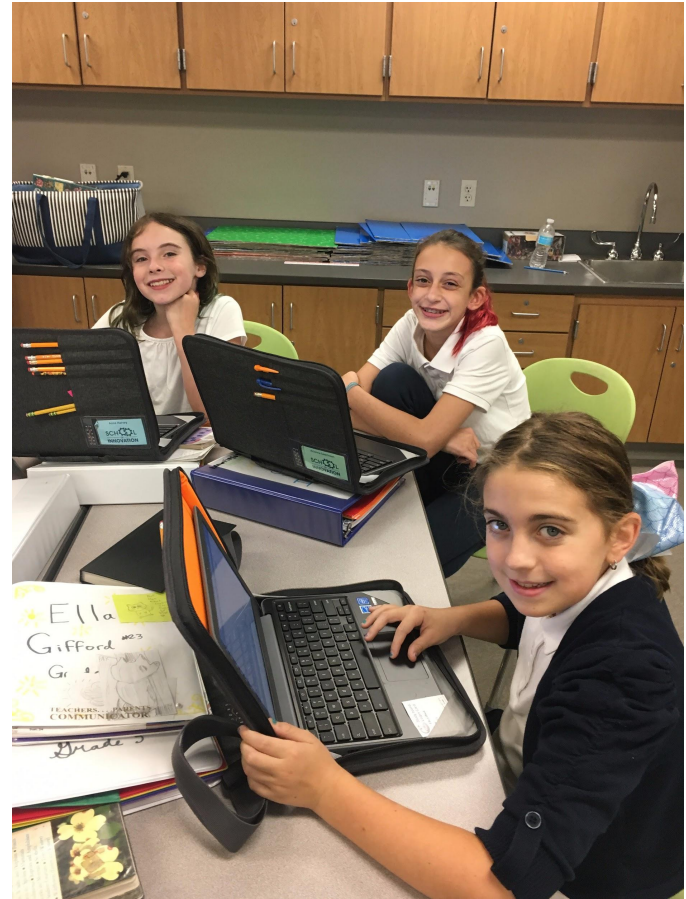
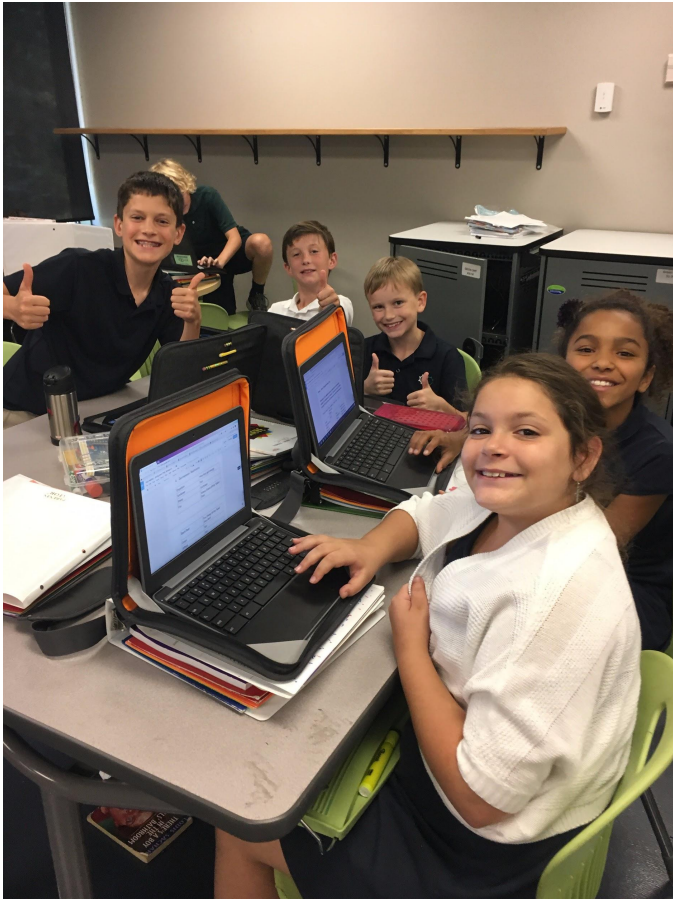
Weekly Pictures



Weekly Pictures



Weekly Pictures



Weekly Pictures

