

The School of Innovation Spark Remark

09-22-2017

SERVICE PROJECT UPDATE

RSVP Food Drive: The families of the School of Innovation donated over 1,000 food items for the McKinley Outreach Program. Thank you all for your amazing support for our neighbors in need! We live in such a wonderful community!

School supplies for Texas: Family and friends of SOI collected many boxes of books and supplies to be shipped to the classrooms we adopted in Texas. With the generous contribution from Ohio Moulding Corporation of Wickliffe and First Interstate Properties of Lyndhurst, the shipping of these boxes was paid in full! AWESOME!

Thank you for your support with all our September Service Projects.

Remember, **Socktober** is coming!!!!

Weekly Schedule

09/24 WHITE DAY

09/25 BLUE DAY

09/26 GREEN DAY

09/27 WHITE DAY

09/28 BLUE DAY

+ School Picture Day,
students can wear their
choice of clothes

Euclid Creek Watershed Project

We received an update from the Coordinator of the Euclid Creek Watershed this week. Grant proposals have been submitted and things are looking good for our Watershed Project behind the School of Innovation to move forward! Imagine our students designing and working to reclaim the creek and land behind the school and turn it into an outdoor learning lab! What a great opportunity!



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!

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Morning Meeting Team

The 4th and 5th graders who participate in Morning Meeting Team have been doing a phenomenal job! The teachers are amazed at how these future leaders are doing in their presentations! They give up their lunch and recess once a week to design and create their presentation for 225 students in the morning. This presentation begins our day here at SOI! We are so proud of them!

SOI Honor Society

SOI will be welcoming in 2018 with the creation of 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 Mrs. Koon or Mrs. VanArnhem for more details!

Crayola Color Cycle

SOI is teaming up with Crayola this year to recycle used markers and dry erase markers to make fuel.

For more information go to:

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



7th Grade Athletics Update

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

All three middle schools are having 7th Grade Boy's Basketball tryouts on October 18th, 19th, and 20th. 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](#)

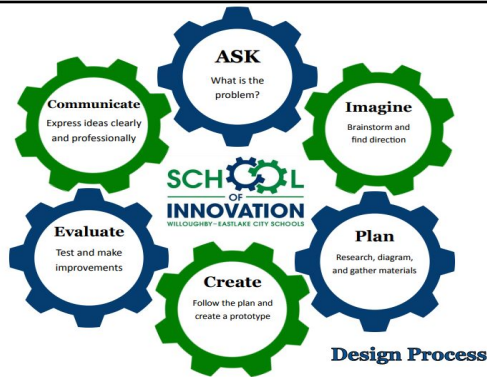
THIRD GRADE HAPPENINGS

Updated 9/21/17

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pam.wadsworth@weschools.org



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.
- Thank you for all of your food drive, jeans and school supply donations!!!

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. Fact practice at home is always beneficial to students at all levels!

- **Math I and Math II** - We are learning the properties of addition and subtraction. "Time Timelines" are coming home this week!
- **Math III** - We played Kahoot to practice rounding... remember to move to the right of that place we are looking for to find if our number is lower or higher than 5.

LITERACY with Mrs. Roszczewski

We were introduced to graphic organizers and rubrics for friendly letter writing and wrote letters to our local first responders using our new tools. We discussed the difference between characters and character traits. We learned which clues to use for determining character traits.

DISCOVERY with Mrs. Reed

We spent the week investigating how transportation has changed over the past two centuries in Ohio. Ask your child some of the ways the early settlers changed the land in Ohio in order to travel using wagons, canals, and railroads. Our experience at Pioneer School really helped us to make connections with our learning! We watched a fun time lapse video on how canal locks work in Ohio! Our focus now is on how communication has changed over time. I am sending parent invites for Ohio Studies Weekly Online to sign up to view your child's progress.

4th Grade Update

Updated 9/22/17

TECHNOLOGY/ ENGINEERING/ PBL

Fourth grade students have their library proposal presentation ready for Mr. Thompson and Mr. Patrick. We are just waiting for a time when they can both be present so we can share our ideas with them.

What Are We Learning?

MATH - Students in Mrs. McKito and Ms. Leyde's math classes are doing prime factorization and they will be multiplying large numbers next week. Students in Mrs. Goodrich's class are working on adding and subtracting larger numbers and estimation.

SOCIAL STUDIES - In social studies students are learning about Ohio's earliest people from prehistoric times.

SCIENCE - In science we are working on erosion. There is a test over weathering, erosion, and deposition on Tuesday of next week.

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:

Thank you for all the school supply donations for the classrooms in Texas. We were able to send about 12 - 14 boxes of supplies to two different classrooms.

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

Students have started the recycling program again this week.

The BAM FAM

SOI 5th Grade 2017-2018

Updated 9/22/17

Important Announcements:

- Art Museum field trip permission slips were sent home. Many have been returned. Any chaperone that would like to come is welcome. There is no limit. Fingerprints are necessary for this trip though.
- Class DOJO: Please check your class dojo app for messages and posts of upcoming activities.
- Google Classroom invitations have been sent out to parents who have responded to our google forms on email addresses. If you have not had a chance to complete the form, please do so asap. The message was sent out on Dojo. Thanks!

Science/Social Studies/STEM

Science: This week we had three amazing presenters come in from the Cleveland Metroparks! They taught us more about aquatic invasive species and the effects to our local environments. Ask your kiddo what they learned! We also reviewed photosynthesis.

Social Studies: We are learning how to use latitude and longitude to find absolute location on a world map. Screencasts have all been graded! There is a Geography Test next Friday, Sept 29th. (Terms in quizlet and latitude and longitude of U.S. capitals!)

STEM/PBL: The students are conducting research on invasive species and plants.. They will be working in groups to share research and create an informational poster to teach the community.

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. 13th.

Alvord: I have enjoyed reading your child's opening of "When I was Brave" The students should have completed the first two paragraphs at this point. The opening, which introduces the setting and characters. The second paragraph, which focuses on the conflict, when they were scared. By early next week, the students will have finished the third paragraph. We also are reading Pax. Using this novel, we are learning about text features, point of view, character traits and plot!

Bonick: ELA contract handed out and explained. All items in the contract are due on Oct 6th. We learned about homographs! Continued reading about "The Boy in the Girl's Bathroom" How does a monster change?

McCullough: We added in some non-fiction this week about hurricanes and focused on cause/effect. The students continue to enjoy the book, "The One and Only Ivan." In writing, we concentrated on editing/revising, intro/conclusions, and transitions. . Final copies of "When I Was Brave" are due on Monday.

Math:

Alvord: I believe we had a breakthrough on prime factorization this week! Most students are finally understanding how to find this concept. The students also learned about exponents! We are working on chapter 2 lessons 1-4. My Math online textbooks can now be accessed through Connected!

Bonick: Progressed to S.NBT.6 (Multiplying and dividing whole numbers). Students are progressing nicely on Learning Paths. Next week we multiply and divide with decimals!

McCullough: We began chapter 4 on multiplying and dividing fractions. This week, we learned how to multiply fractions and mixed numbers. Remember to use ConnectEd resources for additional practice if needed.

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** - Continued work with Percents. Challenge problem was thrown out to the masses on Thursday. How did you do? Did you earn your ice cream?!!!! Don't forget to keep up with Khan!

In **Honors Math**: Chapter on Rational numbers...all done! Assessment for this chapter was given on Friday. We finished discovering rules of all operations of integers. Next week we will finish the integer unit and take an assessment on integers. 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 started our discovery of ancient history and began chapter 21: Early Humans and the Agricultural Revolution. We looked at how scientists & anthropologists make observations and draw inferences to learn about life before recorded time. We discussed the Paleolithic Era and will continue with the Neolithic Era. Test next week.

In **Science** - An assessment was given on the Scientific Method this past week. The assessment included a pendulum lab and the identification of variables. We also started a new unit on natural resources, the rock cycle and energy sources.

In **ELA** - We culminated our first novel study by comparing and contrasting the experience of reading The Giver to viewing the video version of the text.

Students were encouraged to discuss both experiences with their classmates in order to see how their perceptions may differ.

"Connect Four" - The 3rd book response is due September 26th. This response will most likely be a response to The Giver, so students can start reading their 4th selection of the quarter!

*Thank you for supporting our W-E libraries! We are receiving positive feedback from our librarians, and we hope you are enjoying selecting books and reading together as well!

In the Fab Lab: This week students went to the computer lab to work in Corel Draw to design 3-dimensional foam nameplates. Over the next few weeks, students will have these transformed from an idea on a computer to a sticker they can adhere anywhere.

7TH GRADE SOI SPARKS

ELA

Students are finishing Treasure Island novel study, responding to new task card prompts and a new menu. 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!

Math

This week in math we have worked on...

Algebra 1

- Solving real world story problems with algebraic equations
- Percent change equations
- Review for our first test (**MONDAY 9/25**)

Pre-Algebra

- The fundamentals of square roots and cube roots
- Ordering real numbers
- Rational vs. Irrational numbers

Math 7

- Putting it all together with mixed numbers and fractions

Science

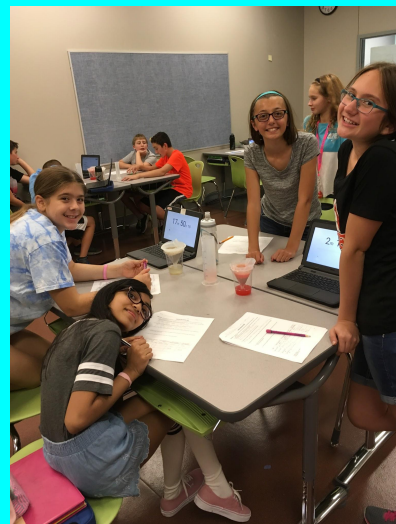
Students finished creating and are sharing their digital representations of the water cycle. Their creativity is impressive! Students also designed and created salt dough watersheds using the land formation they studied in Humanities. We ended the week with two labs beginning our study of groundwater.

Humanities

Students have made it to the starting gate for the Amazing Race! Studied Also began study of Greek and Latin affixes. Ask our students this “Big Picture” question: How does geography promote or limit the movement of goods, people, and ideas?

Engineering

We are working on developing our active listening skills by doing “client” interviews. In the end our goal is to design a solution to someone else’s problem by developing empathy. The students are coming up with some creative ideas!



SOI ENCORE PAGE

Art and Computer with Mrs. Withrow

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 and 7th grades: Students presented their App Proposal to the class. If a student would like to improve their grade, then they can write out the missing components from the presentation and turn them into me. The students continued on into Unit 2: Web Development. Here they began to learn about beginning and ending tags and writing code to design a website.

The 6th graders are working on Op Art (optical art), which is an abstract art that uses optical illusions.

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

Band 6 & 7 - Practice Record #3 and Playing Quiz #2 is due by Monday, 9/18. See Google Classroom for more details.

Band 5 - Be sure you put your name in your Accent on Achievement Books. That way I know who they belong to if they get misplaced.

Music 3, 4, 5 & 7 - We are working on creating music for our upcoming performance (tentatively scheduled for Monday, 11/6). Ask your child about the life and work of Anna Comstock.



WE FAB LAB



From this...



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.

To this...



Fab Stats: This week we laser etched 50 cork coasters and printed 20 3D items,

Follow us on Twitter!

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



PHYSICAL EDUCATION FUN



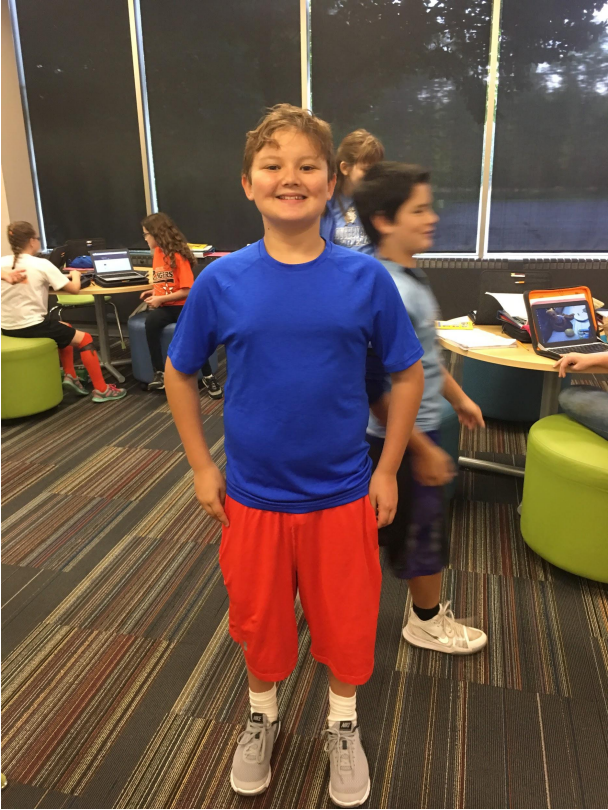
Weekly Pictures



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