

The SOI Spark Remark

For the second year in a row the students of the School of Innovation will be partnering with the Lake Co. RSVP to collect food for Lake County food banks. Here is our schedule for the upcoming weeks. Thank you for your support!

Week of Sept. 5th: Canned food

Week of Sept 11th: Boxed Goods

Week of Sept. 18th: Paper Products

Weekly Schedule

**09/04 LABOR DAY
No School**

**09/05 BLUE DAY
SOI PTO Meeting 6:30**

09/06 GREEN DAY

**09/07 WHITE DAY
Student Bus Safety visit
SOI Marco's Pizza Night**

09/08 BLUE DAY



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>

W-E SOI Fall Bonanza

The SOI PTO invites you to our Fall Bonanza on September 23rd! Your ticket price includes a hayride, apples, cider, pizza, pumpkin, and donuts. Two half-hour wagon rides will take off at 7:00pm, 7:15pm, 8:00pm, and 8:15pm, limited to 75 people total, per time slot. Please arrive 15 minutes prior to your ride time.

For more information, and to buy tickets, go to:

<http://www.wesoipto.org/event.cfm?id=107>



MARCO'S PIZZA NIGHT IS BACK!



Earn Cash For Your School

Dear Parents,

Marco's Pizza and the School of Innovation are again working together on a fun and exciting program. With your help and appetite, we can raise funds for your school through the monthly Marco's Pizza Day.

Help us earn cash & pizza points by ordering at Marco's on
Thurs. September 7
by phone, store, or online at www.marcos.com.

HERE'S HOW IT WORKS:

On Thursday, September 7, place your carry out or delivery order anytime during normal business hours of operation (10:00am to 11:00pm).

When placing your order, be sure to mention that your order is to benefit the School of Innovation. Marco's will then donate 15%-20% of your order amount to SOI. Place your order at marcos.com and earn 20% plus PIZZA POINTS. Pizza points are calculated all school year, any day, and allow us a chance for more \$\$ from the 2017 School Challenge competition with other area schools. Tell your friends, family & neighbors. The more orders, the better.

Participating Marco's Location:

Willoughby

36200 Euclid Avenue

440-975-8888

www.marcos.com (online orders earn 20%)

Thanks for supporting our school!

Marco's flyers are coming home this week! Feel free to use the coupons attached to the flyer or any Marco's coupons you have at home.



Marco's Pizza for Education

7th Grade Immunizations

Reminder to 7th Grade Parents:

The State of Ohio requires that all 7th grade students provide proof of immunization for the Tdap and Meningococcal vaccines to their respective schools. Please contact your health care provider to obtain the documentation and/or schedule an appointment for your student to be vaccinated. If forms are needed for philosophical or medical objections, or you have questions about anything regarding the 7th grade requirements, please call the SOI clinic at [440-283-4034](tel:440-283-4034).

SOI Coach E-mail List

SOI Support Coaches

michelle.vanarnhem@weschools.org

megan.kothera@weschools.org

Grade 3 Coaches

sheila.rosciszewski@weschools.org

lisa.reed@weschools.org

pam.wadsworth@weschools.org

Grade 4 Coaches

cherise.goodrich@weschools.org

megan.leyde@weschools.org

sabrina.mckito@weschools.org

Grade 5 Coaches

michael.bonick@weschools.org

christina.alvord@weschools.org

stephanie.mccullough@weschools.org

Grade 6 Coaches

lori.reilly@weschools.org

eric.wernet@weschools.org

janine.zampini@weschools.org

Grade 7 Coaches

mathew.blair@weschools.org

jessica.koon@weschools.org

libbie.royko@weschools.org

SOI Encore Coaches

kevin.gallagher@weschools.org

rachel.legerski@weschools.org

gail.myers@weschools.org

cathy.withrow@weschools.org

joshua.woodie@weschools.org

Bus Rider Rules

To all families: Unless there is an emergency, students may not ride a bus they are not assigned to in order to go home with another student. In an *extreme* emergency we would make an exception. Otherwise, advise you child to refrain from changing buses for non-emergency reasons. We thank you for your understanding!

5th grade 1st Band Lesson

Dear 5th Grade Band Parents,

Coming up next week is our official First Lesson Night. At the first lesson, students and parents will learn helpful information about taking care of their instrument and making their first sounds. Students should attend one of the two nights. They are:

Wednesday, September 6 @ North at 7:00 pm or Thursday, September 7 @ South 7:00 pm

Each lesson lasts about an hour. Students will be grouped according to their instrument. I'm looking forward to seeing you there! The kids are clearly excited about getting started with their new instruments!

Mr. Woodie

7th Grade Athletics

FROM COACH DODICH (WMS)

On August 28th the Willoughby Middle School girls cross country team traveled to Garfield Heights to face Madison, Garfield Heights, and Euclid. The girls finished with a 2 and 1 score. Scoring for the girls, and finishing second overall was Jane Koci with an incredible time of 14:12. Sydney Farinacci, Sammie Bell, Holly Roeder, and Emma McCue contributed to a winning score against Euclid and Garfield Heights. Great job ladies!

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>



Box Tops For Education

Box Top Welcome to SOI 3.0!

My name is Rachel Legerski and I'm thrilled to be our school's Box Tops for Education™ Coordinator.

Clipping Box Tops is an easy way to help earn cash for our school. Each one is worth 10¢ for our school! Just look for the pink Box Tops on hundreds of products. All you have to do is clip them and send them to school. You can clip them and sort them into baggies of 50 or you can download a collection sheet and glue or tape box tops to the sheet. PLEASE, never use staples. If you do, we can't submit them. Mr. Patrick is attaching the files to this email.

In the two years that we have participated, we earned \$1,585.30 for our school from Box Tops and used the money to enhance our educational opportunities here at School of Innovation. From funding materials for design challenges to materials for art and the Fab Lab, Box Tops makes a difference! This school year, our goal is to earn \$1,000.00.

For more information on Box Tops, including a list of participating products, go to BTFE.com. Be sure to **sign up as a member** (it's free!) so you can check out our school's earnings details and get access to coupons and bonus offers.

If you have any questions, please don't hesitate to contact me. I'm here to help make our school's Box Tops for Education™ program a huge success this year.

Thanks for your help!

Rachel Legerski
Email: Rachel.Legerski@weschools.org



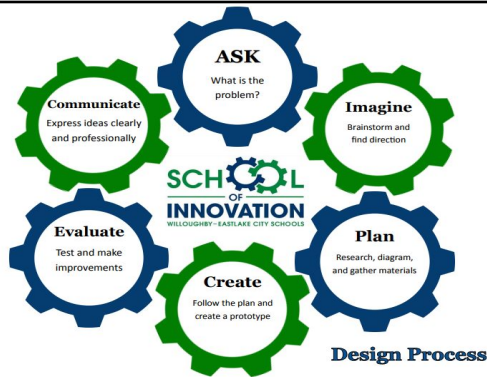
THIRD GRADE HAPPENINGS

Updated 9/1/17

lisa.reed@weschools.org

sheila.roszczewski@weschools.org

pam.wadsworth@weschools.org



New Design Process Model at SOI

THIS AND THAT

- SOI PTO Meeting Sept 5 at 6:30 pm in Innovation Hall
- Field Trip Sept 14 to Pioneer School- Please return signed slip and \$5 as soon as possible
- Parent Informational Night- Sept 21 at 6:30pm. This event is for PARENTS only! If you think of a question in advance that you would like answered, please use this link and we will try to address them during our presentations.

[SUBMIT QUESTIONS HERE](#)

MATH with Mrs. Wadsworth

As we continue to work on place value. It consists of a variety of concepts including rounding, number names and expanded form, and comparing numbers. We are completing an Animal Expedition project where we are researching animals from different habitats. The information we've learned from research is being placed on google slides to compare numbers.

LITERACY with Mrs. Roszczewski

This week we learned how to check out books from the elementary book room. We put together our interactive notebooks for Reading and language. We also started our first novel study, Charlotte's Web. We discussed a few strategies good readers use to think while reading; , making connections, using prior knowledge, making meaning, using context clues. We also talked about the many ways "referring to text" is a lifelong skill! Students were introduced to a digital word study journal in Google Classroom.

DISCOVERY with Mrs. Reed

We spent the week working on All About Me slides. Some students presented already. If your child did not finish, please have them spend some time working on this from home. You can check their progress on Google Classroom. Ask them to log in!
We also were introduced to Ohio Studies Weekly magazine and online tools. Don't forget about the timeline assignment for Tuesday!

4th Grade Update

Updated 9/1/17

TECHNOLOGY/ ENGINEERING/ PBL

The 4th graders are working to improve SOI right out of the gate this year with our first PBL. We have separated our class into three committees to handle different tasks: Organization, Shelving, and Books. We will begin researching the best ways to tackle these major areas before forming our plan to create a new book room/ library.

We enjoyed exploring with Legos to create an upside house and something that started with the letter "B". Students were also challenged to create a 12-inch paper tower that would hold the weight of a book. Our week ended with a nonverbal design challenge, asking students to work together to build a puzzle, without talking!

What Are We Learning?

All ELA classes have been talking about the importance of perseverance and how each student can persevere through challenges they may face in 4th grade. We read the book, She Persisted, to learn about 13 famous women who have had a growth mindset and showed persistence to reach their goals. Each student was asked to pick one woman from the book who they would like to research further. Ask your child who they picked and a fact they have learned so far. We look forward to beginning our novel studies next week!

Announcements:

We will be using Class DoJo this year to communicate student behavior and announcements. We will also utilize the Dojo STORIES feature to share pictures from our days. You can also send us messages via DoJo or through email.

Your child came home with a Scholastic Book order earlier this week! Orders need to be placed by next Friday, September 8th. **We will be using the points earned from this group order to buy new books for our new book room/library!**

The BAM FAM

SOI 5th Grade 2017-2018

Important Announcements:

- No School Monday
- Field Trip to the Mentor Lagoons is Sept. 14th or 15th. Bring a bag lunch (can be a reusable bag) and dress for the weather. Long pants and sturdy shoes are required.
- Charging chromebooks nightly is required. Please make sure that this is done as use them daily.
- Remember to check the assignment template in google classroom each night for homework.
- Bus Safety assembly will be held on Thursday, Sept. 5th

Science/Social Studies/STEM

Science: The students examined ecosystems throughout the world. They created illustrations that labeled the different abiotic and biotic factors within that ecosystem. They also learned about symbiotic relationships.

Next week, they will be analyzing food webs and the effects that organisms play on ecosystems.

Social Studies: The young geographers are reviewing the elements of a map and will create their own screencast showing these elements on an island of their own design.

STEM: The fifth graders have been continuing to work on collaboration. This week we watched a video and read about how certain animals naturally collaborate. In groups, the students are researching animals and creating mini-presentations on collaboration.

ELA:

Alvord: The students are examining Rachel Carson's life and how it was affected by historical events. They will also begin writing about a time they were brave next week.

Bonick: We are reading a funny, but thought provoking story called; "There's a Boy in the Girl's Bathroom." We love it. The novel is helping us explore the concept of comparing and contrasting characters. Start rearing your Connect 4!

McCullough: We have been working on Thinking Strategies while we read to make connections. We have learned the strategies of : Aha Moment, Words of the Wiser, and Again and Again, while also focusing on comparing and contrasting characters, settings, and events.

Math:

Alvord: The students will be working on comparing and contrasting whole numbers and decimals. We will be working on lessons 5-8 in ch. 1 next week.

Bonick: My mathematicians are using the principles of perimeter and area to design and build tree houses! This project is due next Friday.

McCullough: We are working on adding, subtracting, and multiplying decimals. Dividing decimals will be coming next week.

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 **ELA** - We characterized the various genres included on the "Connect Four" reading paths. Students can now identify their independent reading using these characteristics! If students are pacing themselves correctly, their first book response (letter) should be turned in Tuesday, Sept. 5. *Remember, those students earning a 1000+ lexile may read anything 900+. I hope this helps to broaden the selection of age appropriate novels!

We also started our class novel, The Giver, by Lois Lowry. I am already thrilled with our discussions and look forward to building connections between literature and social studies (civilizations and GRAPES)!

In **Math** - We are starting the year off with fractions, percents and decimals. One goal this first half of the year is also to do a full review of 5th grade standards on Khan Academy.

In **Honors Math**: We finished up decimal review and will be beginning fractions and rational numbers. We also learned about absolute value and began creating understanding of adding integers. We will be reviewing 6th grade standards using Khan.

Pre-Algebra: We dove into integers this week. Students became fluent adding integers through playing games. We also began our study of equations. We are reviewing 6th grade standards using Khan.

In **Social Studies** - We digested GRAPES and used it to describe the civilization of Arendelle in Frozen. GRAPES will be used throughout the year. We also began looking at chapter 1 and the 5 themes of Geography. Next week we will use coordinates to determine absolute locations and study maps.

In **Science** - We spent some time this week working on the overview of the study of science and are moving towards comparing the scientific method with the engineering process. Question: What is pseudoscience?

Upcoming Birthdays:

Morgan Ross (9/4); Nathan Soto (9/8); Ayden Rusher (9/8); Alivia Holtman (9/9); Coach Withrow (9/11); David Dever (9/18)

7TH GRADE SOI SPARKS

We had a great Friday traveling to Pleasant Valley Park and North Chagrin Reservation. Our students completed Habitat Assessments using the Ohio EPA QHEI form and did a Macroinvertebrate survey. It was wonderful to see our kids learning from professional researchers! Thanks to our Watershed Quality Partners who helped with our trip:

- Chagrin River Watershed Partners
- Lake County Soil and Water
- Lake County Storm Water Management
- Lake County OSU Extension Office



SOI ENCORE PAGE

Art and Computer with Mrs. Withrow

This week:

3rd grade, 4th grade, and 5th grade: Students finished making bookmarks in the Fab Lab and finished designing their gear in art class. The gear was divided up so students could draw their favorite things they did this summer and something special about them. The gears will be combined to create words around SOI!

6th and 7th grades: The students have been using the Problem Solving Process to help figure out what makes something a computer. They have discovered a computer takes in information, stores the information and then processes it, which then allows it to output the information. They have done activities to help with understand how a computer processes and stores information.

P.E NEWS

3rd and 5th: we continued this week with Pre-Fitness testing of gross motor skills and the first attempt at the Pacer Test. The students did an awesome job with the assessments. Next week Starts Basketball/Football throwing skill weather permitting.

6th-7th: Finished up a Unit on Volleyball outside and were able to finish most of their Fitness testing.

MUSIC

Band 7 - By Tuesday, 9/5, band members should have Accent on Achievement Book 2, completed their first practice record and uploaded their first playing test video

Band 6 - Upload your playing quiz video to Google Classroom by the end of the day on Monday, 9/4. Your first practice record is due Tuesday, 9/5.

Band 5 - First Lesson Night is Wednesday, 9/6 at North or Thursday, 9/7 at South at 7:00. You choose the night that is best for your schedule.



What Is A Fab Lab?

A fab lab, or fabrication laboratory, is a small-scale workshop offering personal digital fabrication. A fab lab is typically equipped with an array of flexible computer-controlled tools that cover several different length scales and various materials, with the aim to make "almost anything".



Grade 3 students printing personalized bookmarks on The Epilog Helix 50 watt Laser

What Are SOI Kids Making?

Grade 3: Our 3rd graders completed their two layer bookmarks on the laser for their first Fab project.

Grade 4: Our 4th graders completed their two layer bookmarks on the laser for their first Fab project.

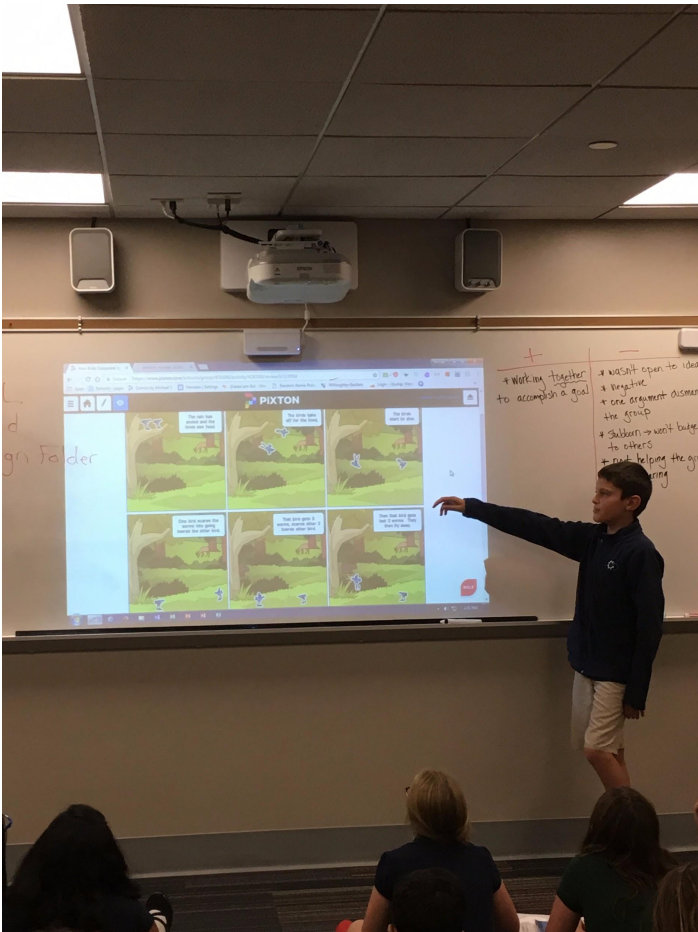
Grade 5: Our 5th graders completed their two layer bookmarks and are getting ready to create posters for their first PBL on invasive species.

Middle School: Students are learning to use Tinkercad to create objects for 3D printing. A few 7th grade teams are ready to print!

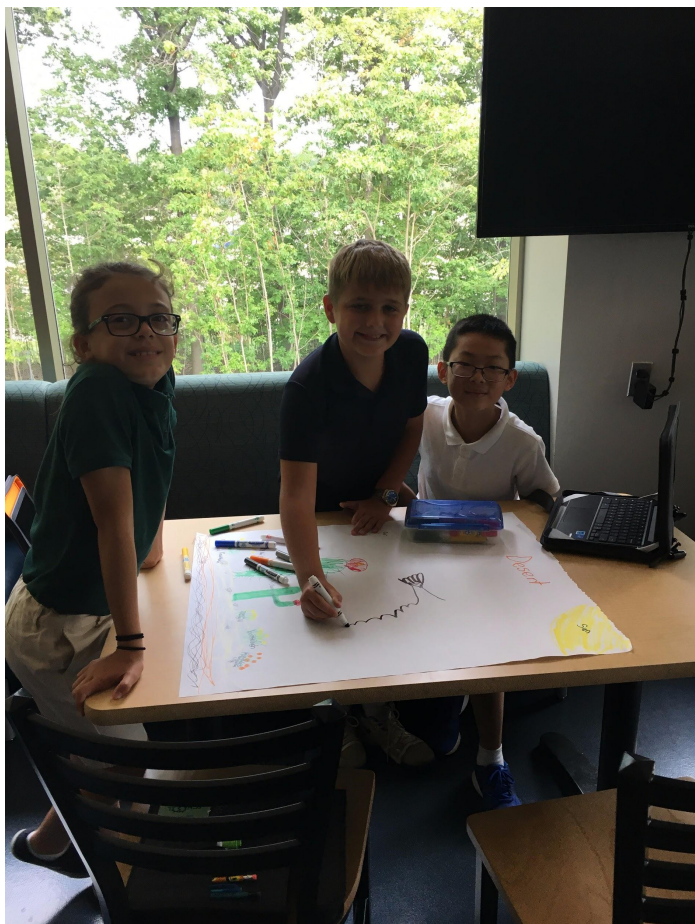
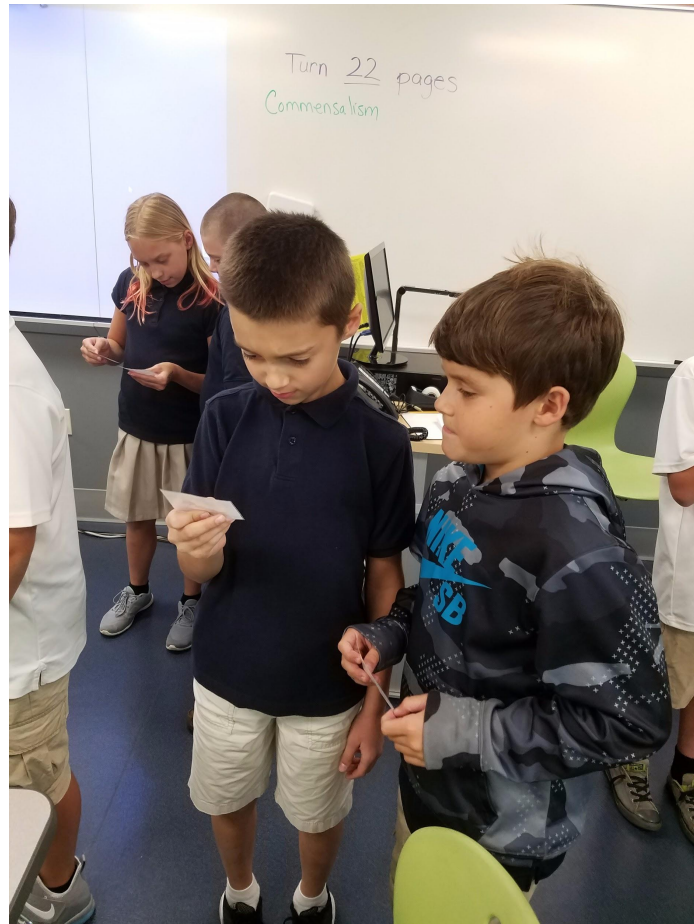
Fab Stats: During our first 3 weeks of school 225 students used the laser to create a personal item. We installed 4 new 3D printers and printed 31 items. We created 15 posters and 370 vinyl items.



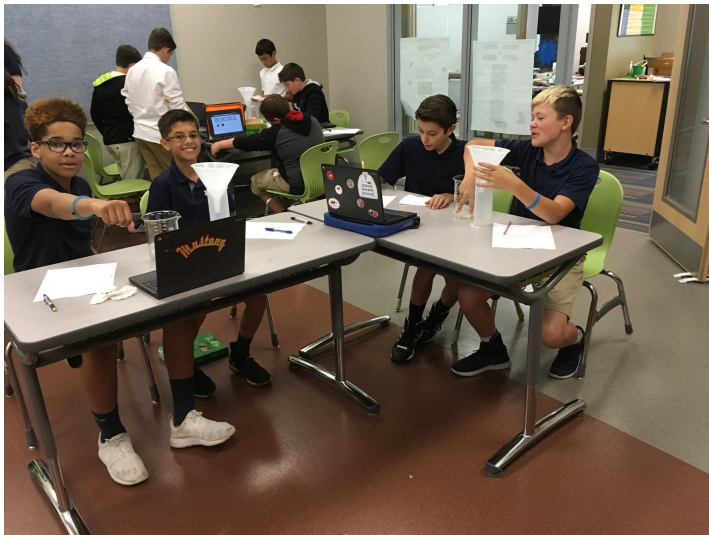
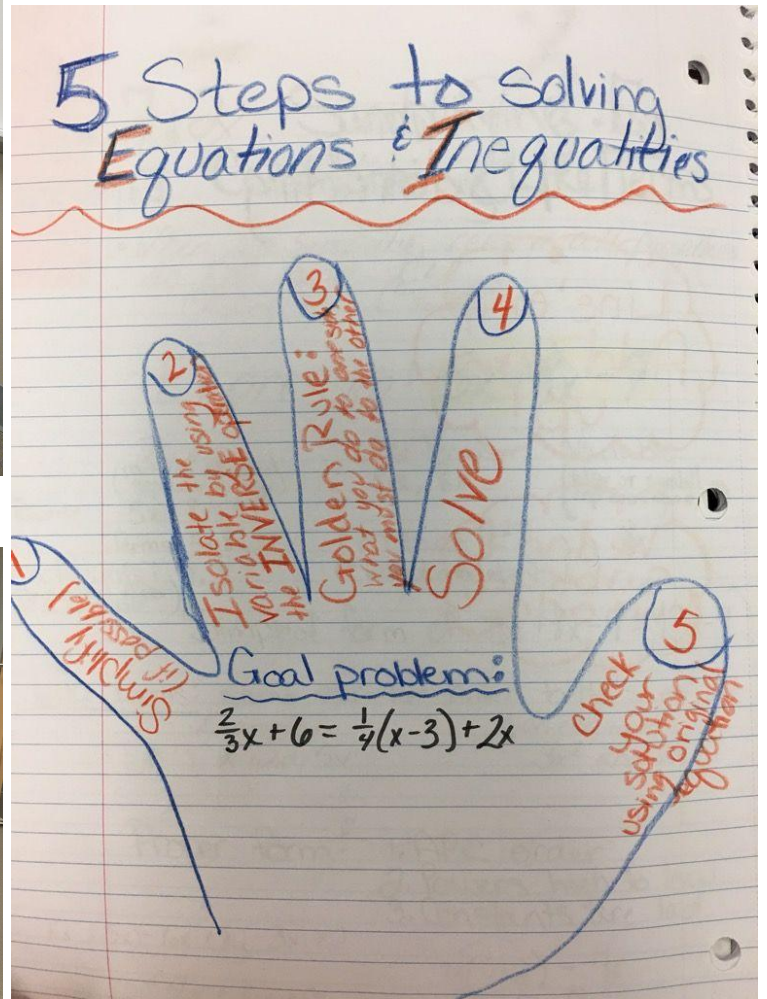
WEEKLY PICTURES



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