

# 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. Thank you for your support!

**WESOI Elementary:** For the weeks of 9/11 and 9/18 houses will be competing to see who can donate the most food (canned or boxed) to help those in need.

**WESOI Middle School:** For the weeks of 9/11 and 9/18 6th and 7th grades will be competing to see who can donate the most food (canned or boxed) to help those in need.

## Weekly Schedule

### **09/11 GREEN DAY**

Red, White and Blue Day  
FLL Practice Grades 5-7

### **09/12 WHITE DAY**

FLL Practice Grades 5-7

### **09/13 BLUE DAY**

### **09/14 GREEN DAY**

3rd grade to Pioneer School, ½ of 5th on field trip to Headlands Beach

### **09/15 BLUE DAY**

½ of 5th on field trip to Headlands Beach

**Color Days out of order by design!**

# Girl Scouts Service Project

A local girl scout troop is collecting old jeans. These will be used to create insulation for newly built houses. If you have any old jeans that you would like to donate, please have your child bring them in anytime during the week of 9/11/17. There will be a box in the elementary commons for the jeans to be placed in. All sizes are acceptable



# 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>



# SOI UNIFORM UPDATE

Overall uniforms have been great this school year. Students have been dressed for success in their khakis, polos, button-downs and shoes. Now that the weather is getting colder we have had many students wearing hoodies to school. Hoodies are fine to wear instead of a jacket when coming to and from school, but they are not an acceptable uniform item. Especially if they are not a school color (hunter green, navy blue, or white). Please remind your student that they are NOT to wear hoodies during school hours (unless going outside). If they get chilly they can wear many types of sweaters available in our school colors from most retail outlets. We have attached the uniform .pdf to this email. Thank you for helping us maintain a 'professional' atmosphere at The Willoughby-Eastlake School of Innovation.

-Mr. Patrick

## 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).

# 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!**

## 7th Grade Athletics

### Winter Sports Information

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](#)

# 7th Grade Athletics

Willoughby Middle School defeated Eastlake last night in two consecutive games. The scores were 25-16 and 25-22. Leading servers for the Warriors were Jada Colvin, Kailey Minch, and Trinity Parisi. The Lady Warriors also defeated Willowick in two consecutive games as well in the tri-match last evening. The scores were 25-10 and 25-22. Outstanding servers in the Willowick match were Ryan Wallace, Chloe Costello, and Audrey Camp. A special thanks to Alana Bosher and Maddy Lehmann for keeping score at both games. Great job, Lady Warriors. Let's do it again next week.

## 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](http://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](mailto:Rachel.Legerski@weschools.org)



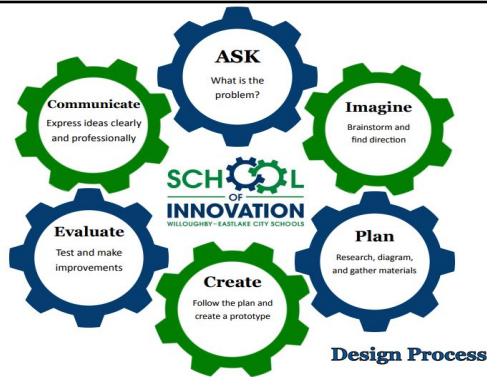
# THIRD GRADE HAPPENINGS

Updated 9/8/17

[lisa.reed@weschools.org](mailto:lisa.reed@weschools.org)

[sheila.roszczewski@weschools.org](mailto:sheila.roszczewski@weschools.org)

[pam.wadsworth@weschools.org](mailto:pam.wadsworth@weschools.org)



## New Design Process Model at SOI

### THIS AND THAT

- Field Trip Sept 14 to Pioneer School- **Please return signed slip and \$5 as soon as possible**
- Red White and Blue dress down day on Monday, Sept. 11th.
- Popcorn is sold by PTO for 25 cents on designated Fridays- next one is Sept. 15
- 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

We took a place value assessment on our chromebooks this week. Some of us may be moving to new math groups next week. We will be creating math groups by their pre-assessment results. The kids are aware of this and we've explained to them that each of us has different needs and this is the best way to meet everyone's needs.

We will discuss time and elapsed time next week as well!

### LITERACY with Mrs. Roszczewski

We worked on identifying complete sentences vs. fragments, discussed subjects & predicates, and practiced referring to text to answer questions. We were introduced to graphic organizers and rubrics for personal narrative writing and wrote stories using our new tools. Many students were excited to learn how to use Kahoot!

### DISCOVERY with Mrs. Reed

The week started with a Design Challenge to practice group collaboration that involved stacking cups in an unusual way! The students created a list of what each one of our expectations 'looks like.' We used our timelines to introduce our focus for our first major unit of study CHANGES. We read Ohio Studies Weekly 5 describing how things have changed in Ohio over the years. We will be working on turning our timelines into digital versions using Google Drawings. Your child should be able to log in to Ohio Studies Weekly Online from home using their Google Log Ins. This website offers many activities for the kids to practice online with the Social Studies concepts we are learning.

# 4th Grade Update

Updated 9/8/17

## TECHNOLOGY/ ENGINEERING/ PBL

Fourth grade students have been busy working on our school library PBL. The students are working in committees to find new shelving options, decide how to organize the books, figure out how to add books to our library, explore fundraising ideas, and determine what books we still need to add to build our library. They will be presenting their information to the whole 4th grade class next week. The following week they will be presenting their proposals to Mr. Patrick and Mr. Thompson.

## What Are We Learning?

All students have been split into ELA and Math classes. They were all given a sheet to keep in the front of their green take home folders that has their teacher information on it. Please keep that form in the folder, but use that information for your own records as well. All ELA classes have started novels while we work on character traits. Math classes are all working on place value. In science we have started discussing erosion.

## Announcements:

SOI students will be adopting 2 school impacted by Hurricane Harvey. We are awaiting a detailed list of their needed supplies, but most likely we will be collecting school supplies and children's books. If you happen to see something while you are out and about, now is a good time to start collecting supplies. Gently used books can also be donated. More information to follow next week.

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.

Next week we will begin collecting canned goods for the food drive that RSVP is hosting.

Monday is RED, WHITE, and BLUE day in honor of Sept. 11th.



# The BAM FAM

## SOI 5th Grade 2017-2018

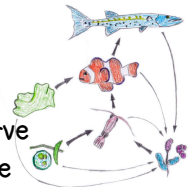
### Important Announcements:

- 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.** You may also spray your child with bug spray prior to school if you would like. Rain ponchos and an extra set of dry clothes is allowed on the day of the field trip. This is a "dress down" day.
- 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.

### Science/Social Studies/STEM

**Science:** The students are practicing creating food webs. This can take practice.

The arrows represent the flow of energy. On Friday, the students did a gallery walk to observe all of the ecosystems and food webs created by their peers. The students are able to retake their quiz on roles in an ecosystem. Next week, they will be assessed on symbiotic relationships.



**Social Studies:** WE finished up the My Island designs and learned how to use Nimbus and Screen Castify in order to try screencasting!

**STEM/PBL:** The fifth graders finished their animal slides to teach others how animals collaborate in nature. Additionally, to correlate with our current PBL on invasive species, the students began researching invasive plants, animals, and insects that are located in Ohio.

### ELA:

**Alvord:** This week, your child created a multi-tiered timeline! They used this to analyze Rachel Carson's life to the events in history. They also reviewed figurative language, especially idioms. Next week, we will learn about foxes as they are one of the main characters in our next novel, Pax.

**Bonick:** We continued to read our novel and answer comprehension questions. We also focused on editing mistakes in capitalization and punctuation in sentences. The reading skill for the week was comparing and contrasting AND what an Idiom is.

**McCullough:** We started a new novel this week called, "The One and Only Ivan," which is from the point of view of a gorilla! The students seem to love the book so far! Additionally, we learned about idioms and began composing ideas to write a personal narrative about a time that we were brave.

### Math:

**Alvord:** On Friday, the students worked on their study guide for the assessment on Monday. This assessment will show their knowledge of place value, comparing and ordering whole numbers and decimals. I am excited to see all they have mastered!

**Bonick:** Tree House designs are complete and the presentations have begun! Learning Path 1 starts on Monday!

**McCullough:** The students have been focusing on division of whole numbers and decimals. We will be wrapping up this chapter next week and the test will be on Wednesday, Sept. 13th.

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** - Percents and decimals were the focus of this week's exercises. 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 continued our self-discovery of integers this week. Students became fluent adding and subtracting and began discovering the rules of multiplication & division. We also looked at inequalities. We are reviewing 6th grade standards using Khan.

In **Social Studies** - We continued our study of the 5 Themes of Geography, looked at the parts of a map, discovered the relationships between latitudes and longitudes through a paper plate activity, and use coordinates to determine absolute locations and study maps of our civilizations we are studying: Mesopotamia, India, China & Egypt..

In **Science** - We've been having an ongoing conversation this week on the Scientific Method and taking notes via the Cornell method. Question of the week: What is the Independent Variable in Coach Wernet's jalepeño pepper problem?

In **ELA** - We have continued to read and discuss our class novel, The Giver, by Lois Lowry. We are focusing on characterization (Jonas) and continuing our connection between literature and "GRAPES." Take a look at The Giver lists on [vocabulary.com](http://vocabulary.com) - they are a wonderful resource!

We are so excited about the number of students using Overdrive and our public libraries to select "Connect Four" novels! The second book response is due September 19th. Keep up the great work!

\*Remember, those students earning a 1000+ lexile may read anything 900+.

### September 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

## ELA

Reading Treasure Island, discussing, responding to task card prompts, and now working on a related activity menu (due Sept. 14).

## Math

This week in math we have worked on...

Algebra 1

- Solving complex linear equations
- Rewriting formulas
- Making sense of word problems

Pre-Algebra

- Using the Laws of Exponents to simplify expressions
- Making sense of word problems

Math 7

- Fluency with fraction operations
- Applying proportions

## Science

This week we explored the properties of water by making water, salt, and oil "Lava Lamps" and doing the Paper Clip Challenge. Students were able to make a paper clip float in a cup of water! Some students shared that they continued their studies at home.

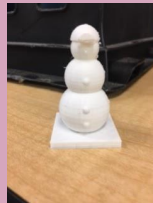


## Humanities

- Students are learning and practicing various land formations
- Researched then created an infographic that tells about water disasters.

## Engineering

We have started printing our 3 dimensional game pieces for the "Amazing Race". The game pieces have been designed using TinkerCad software. Students have come up with some very creative designs!



**WE ARE IN NEED OF EMPTY,  
CLEAN GALLON  
CONTAINERS FOR A SCIENCE  
ACTIVITY ON TUESDAY. IF  
YOU HAVE ONE, PLEASE  
SEND IT TO SCHOOL WITH  
YOUR STUDENT! THANK YOU  
FOR YOUR SUPPORT!**

# SOI ENCORE PAGE

## Art and Computer with Mrs. Withrow

This week:

3rd, 4th, and 5th grade: The students were inspired by the story The Dot by Peter Reynolds to make their mark for International Dot Day, next Friday, September 15th. They were able to design their own dot using different mediums.

6th and 7th grades: The students are combining the two major themes of Unit 1 for CS Discoveries: the problem solving process and the input-output-store-process model of a computer to complete an App Proposal. They are taking real-world problems and collaborating to create the proposal, and next week will also take part in a structured peer review.

## 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.

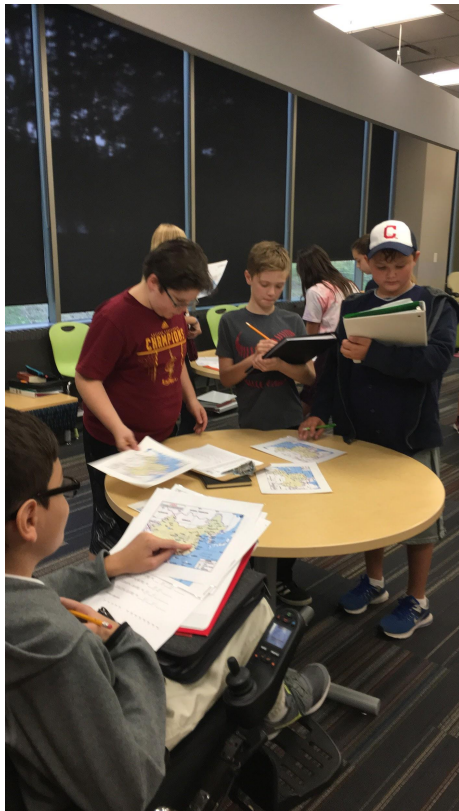
Grade 5: Our 5th graders completed their two layer bookmarks and are getting ready to create posters for their first PBL on invasive species.

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

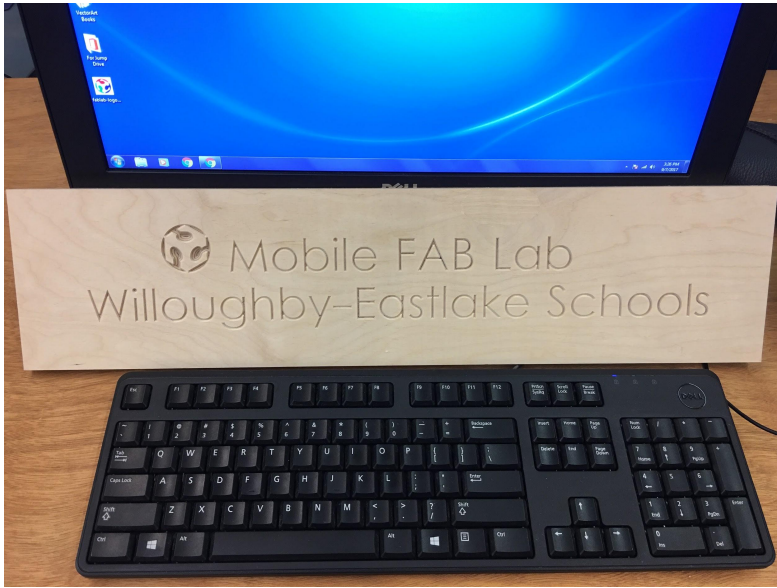
Fab Stats: During our first 3 weeks of school 225 students used the laser to create a personal item. We installed 4 new 3D printers and printed 31 items. We created 15 posters and 370 vinyl items.



# WEEKLY PICTURES



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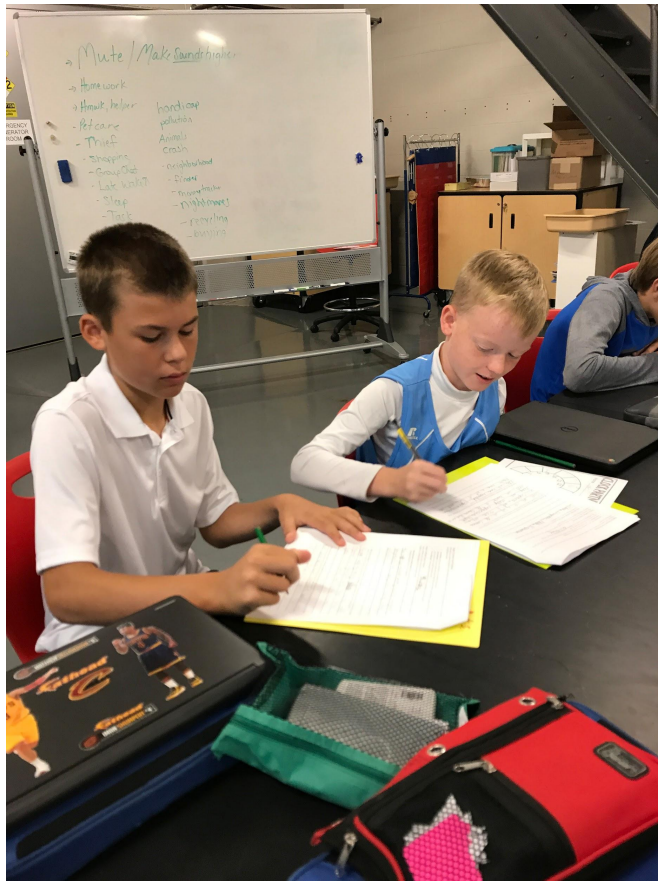
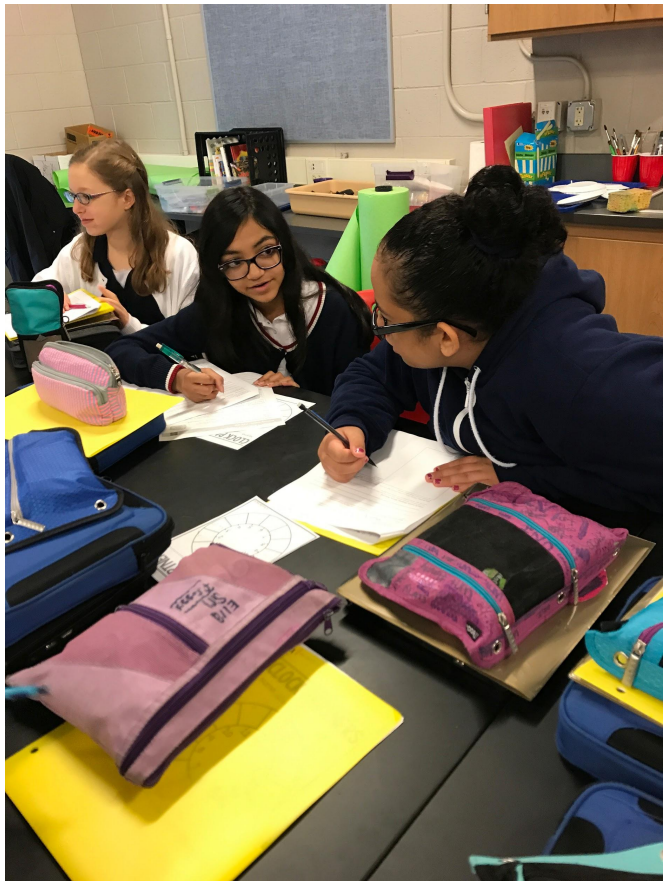
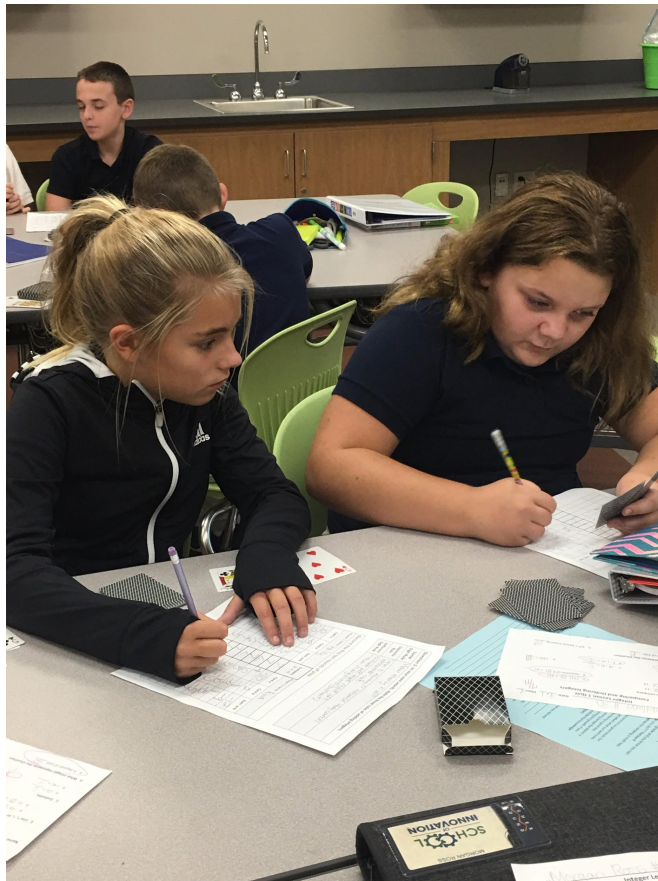
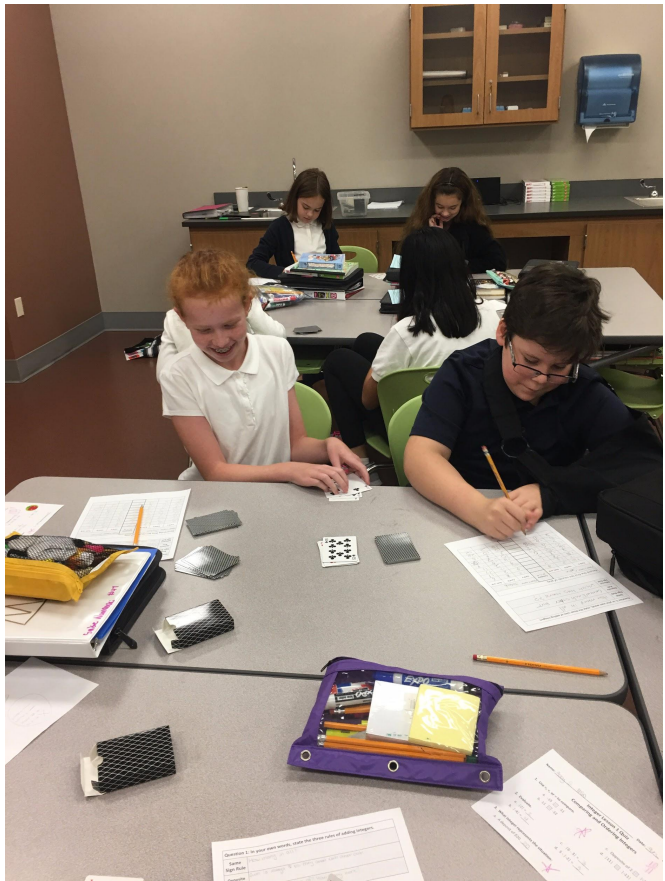


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