"This Week in Awesome"

Nov 26-30, 2018

Kinder	***K-ESS2-1*** Use and share observations of local weather conditions to describe patterns over time.	
	Tech	**Students participate in the Hour of Code lesson "Programming with Blocks" and learned the basics of computer science.**
	Science	**Students make anemometers using rulers, protractors, ping pong balls and string to measure wind speed.**

1st Grade	***1-PS4-2****: Make observations to construct an evidence-based account that objects can be seen only when illuminated.* ***1-PS4-3****: Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light.* ***1-PS4-4****: Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.*	
	Music	**Continue reading melody notation. Review pitches C, D, and E. Learn pitch F, *Lime Green Marching Machine*.**
	Art	**Paint Reflected Symmetry Butterflies**

2nd Grade	**2-ESS2-2**: *Develop a model to represent the shapes and kinds of land and bodies of water in an area.* **2-ESS2-3**: *Obtain information to identify where water is found on Earth and that it can be solid or liquid.*	
	Music	**Continue boomwhacker studies. Review pitches C, D, E, F, G. Learn pitch high A, *A Space Case*.**
	Art	**Students will complete their Paper Tube Sculptures**

3rd Grade	*3-ESS2-1 – Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.* *3-ESS2-2: Obtain and combine information to describe climates in different regions of the world.*	
	Tech	**Tech: Kano coding- Students work on Pixel Art challenges. All of the coding in Pixel Hack is done in CoffeeScript.**
	Science	**Students begin their study of climates in different regions of the world. They review the diversity of life in different biomes, pick a biome to study, and begin their research on temperature and precipitation ranges in that biome.**

4th Grade	**4-PS3-3**: *Ask questions and predict outcomes about the changes in energy that occur when objects collide.*	
	Music	**Continue Recorder Karate. Review *Gently Sleep* and *Merrily We Roll Along*. Finish testing for yellow and orange belts. Learn new note, low E, introducing using the left hand. Learn *It's Raining*. Test for green belts.**
	Art	**Start Building Rube Goldberg Mouse Traps, using force, motion and energy transfer.**

5th Grade	**5-ESS2-2:** *Describe and graph the amounts of salt water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.*	
	Tech	**Google CS First Coding-Students create "Google Doodles. In each of the "Create your own Google logo" activities, students code and design their own versions of the Google logo.**
	Science	**Students begin their studies of food chains and food webs by creating and acting out food chains.**

6th Grade	**MS-PS3-5**: *Construct, use and present arguments to support claim that when the kinetic energy of an object changes, energy is transferred to or from the object.*	
	Tech	**Google CS First Coding-Students create "Google Doodles. In each of the "Create your own Google logo" activities, students code and design their own versions of the Google logo.**
	Science	**Students review heat transfer and finish building their solar ovens.**

STEAM+ in the Library

Kinder	**We will begin making our pine cone animals based on the book we read, "FraidyZoo" Thyra Heder.**
1st grade	**We read "Molly Lou Mellon" and will begin making our creative toys.**
2nd grade	**We read the "The Three Little Pigs" last week. This week we will read "The True Story of the 3 Little Pigs" for our Compare and Contrast project.**
3rd grade	**We read, "If I Built a House" by Chris van Dusen last week. This week students will continue to ideate and build their 3D dream smart home.**
4th grade	**We read, "If I Built a Car" by Chris van Dusen last week. This week students will continue to ideate and build their dream smart car.**
6th grade	**Students will continue to work on their Kamishibai stories.**

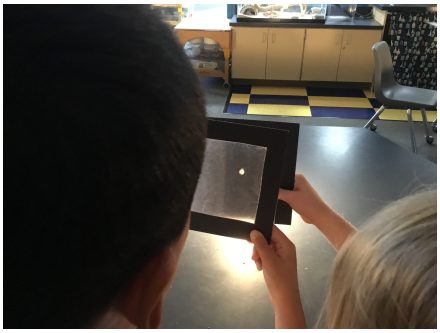
"Last Week in Awesome"

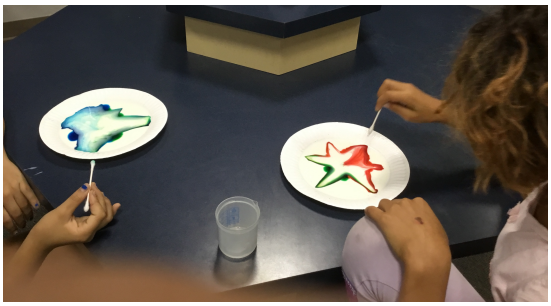
(The week before Thanksgiving with Veteran's Day holiday)

STEAM+ in Science

5th and 6th grade Potions Elective students experimented with "magnetic" slime from the Black Lake", a polymer they made.

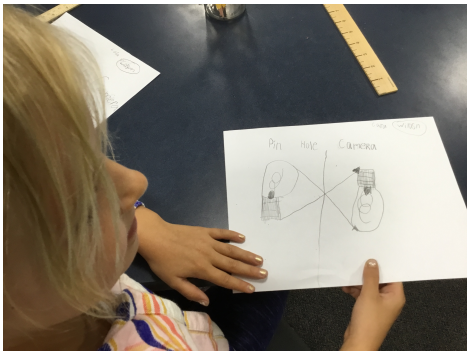
1st grade students made a camera using a piece of cardboard with a pinhole and a piece of flat wax paper to get an image of a lightbulb.





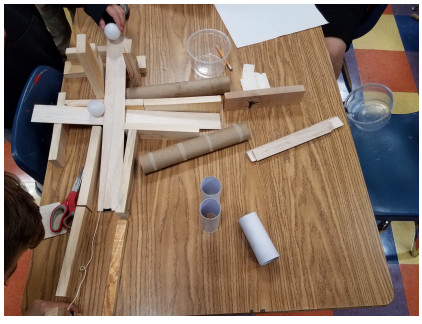
5th and 6th grade Potions Elective students practiced a "banishing charm" using dish soap to move food coloring rapidly in milk.

1st grade students made a model of how a pinhole camera works.

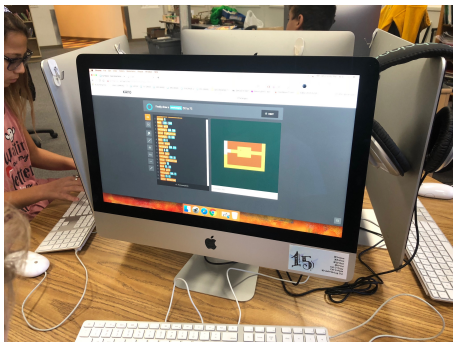


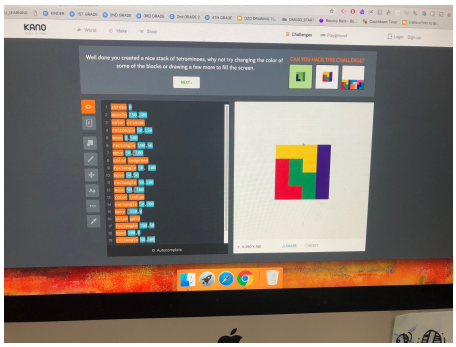
STEAM+ in Art

4th grader designing their Rube Goldberg Mouse Traps.

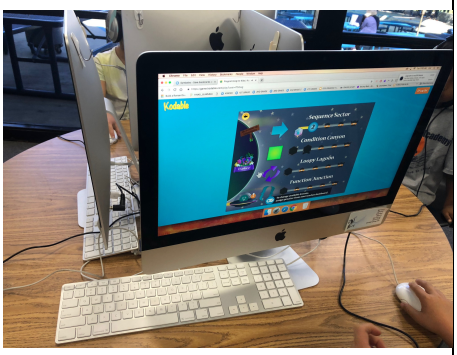


STEAM+ in Technology





1st and 2nd grade create mazes on <u>Kodable</u>

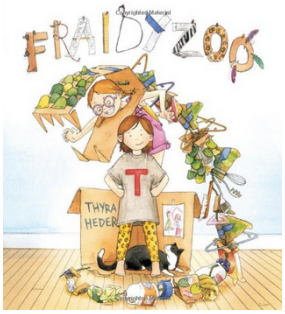


4th grade students work on <u>KANO</u> coding.

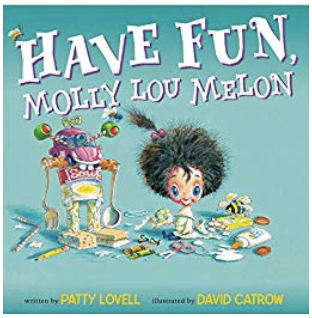
STEAM+ in Music

Kindergarten students enjoyed a celebration singing Sounds a Little Fishy to Me and moving their fish windsocks to the music. So fun and adorable!

STEAM+ in the Library



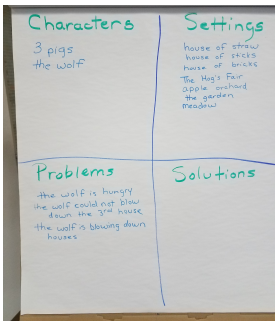
Kinders listened to the story, "Fraidy Zoo" and shared what animal they would be afraid of at the zoo.

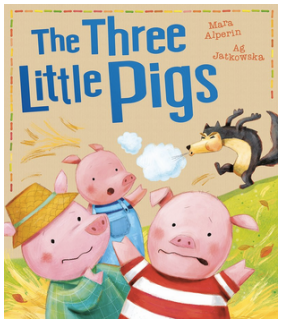


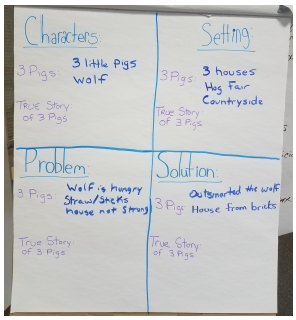
1st graders listened to "Have Fun, Molly Lou Melon" and discussed what kind of toy they might make from materials found at home.

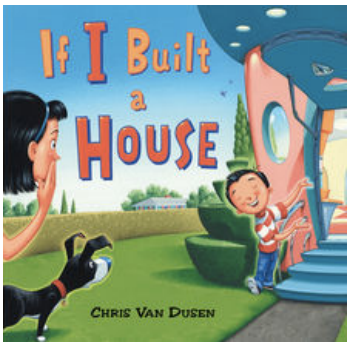
6th grade students begin designing the Kumishibai story cards.

Together we read "The Three Little Pigs" and discussed the story's elements.

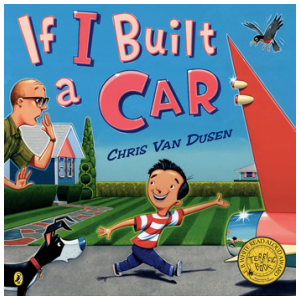








4th grade students read, "If I Built a House". Following the reading, we discussed what it means when we call a house a "Smart House".



Together 3rd grade students read "If I Built a Car". After the reading, we discussed concept cars and how they impac t changes in the auto industry.