VIRTUAL PROCESS BOARD GALLERY

SHOWCASING LEARNING IN MIDDLE SCHOOL

MERRYHILL MIDTOWN

At Merryhill Midtown, we believe that learning is a process; hallway bulletin boards are designed to make this process visible. The boards highlight and provide insight into various projects and studies across campus for parents, students, and guests. Embedded QR codes bring projects straight to one's device for easy access to student essays, podcasts, video productions, and more. WASC icons indicate the integration of our school wide student learning outcomes. Other features include student photos, captions, "I Can" statements and grade-level standards, interdisciplinary connections, and technology integration.

This year, we've reimagined how to make these boards accessible to parents and guests, and are pleased to share our new Virtual Process Board Gallery! In addition to including all the elements of a traditional hallway process board, the virtual gallery also features embedded video and audio files. Published in an EPUB format, the Virtual Process Board Gallery files are easily accessible and sharable across devices such as smartphones, tablets, e-readers, or computers.

Flowers for Algernon

MRS. STRAWN - 6TH GRADE LANGUAGE ARTS

Sixth Grade Standards

I can determine a theme or central idea of a text and analyze its development over the course of the text, including its relationship to the characters, setting, and plot; provide an objective summary of the text.

I can analyze how particular lines of dialogue or incidents in a story or drama propel the action, reveal aspects of a character, or provoke a decision.

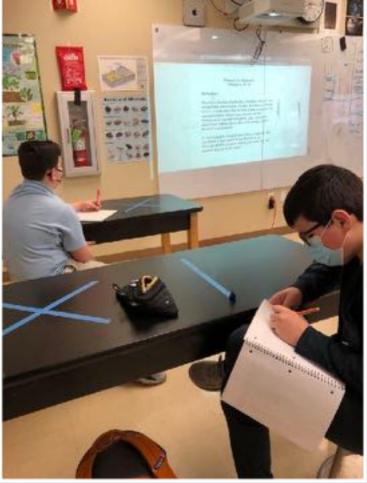
I can draw evidence from literary or informational text to support analysis, reflection, and research.

I can engage effectively in a range of collaborative discussions with diverse partners on grade 6 topics, texts, and issues, building on others' ideas and expressing mine clearly.











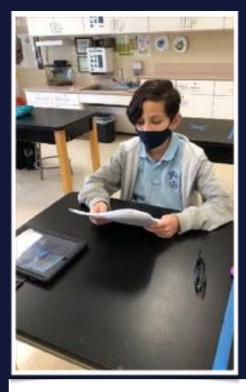
Students were introduced to the novel, <u>Flowers for Algernon</u>, by Daniel Keyes, the story of a 32 year old man with a mental disability, whose experimental quest for intelligence mirrors that of a mouse, Algernon, an extraordinary lab animal. Told in diary entries from the narrator's perspective, Charlie documents how a brain operation increases his I.Q. and changes his life. Along the way, students were faced with ethical and moral questions surrounding people with mental impairments, the use of experimental treatments, and animal research.

In order to demonstrate understanding of character perspective, students chose five dates from Charlie's journal and wrote their own journal entries from the point of view of another character. Click on the sound icon to hear students' original journal entries.

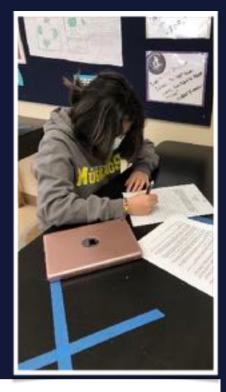






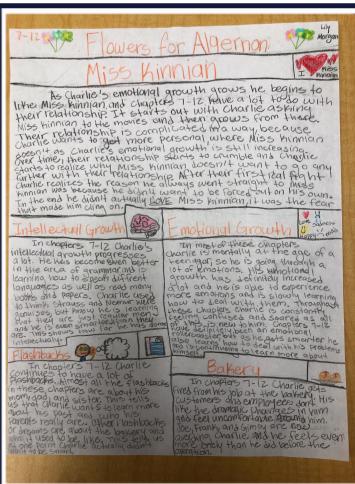






Students participated in collaborative discussion, wrote in depth reflections concerning moral and ethical questions surrounding the treatment of people with mental impairments, and created a series of one-pagers reflecting their take-aways from sections of the novel.





Weathering and Erosion

MR. GOULD- 6TH GRADE EARTH SCIENCE

NGSS STANDARD: The Roles of Water in Earth's Surface Processes

Construct an explanation based on collected evidence from a model for how geoscience processes have changed Earth's surface at varying time and spatial scales.











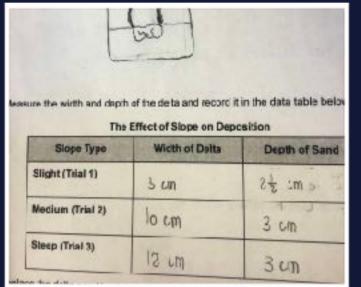


Step 1: Engage

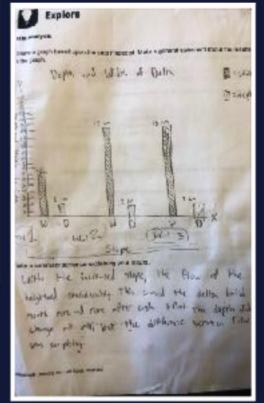
As part of the general focus on the Geoprocesses of Earth, students learned about concepts related to Weathering and Erosion. As part of 6th grade's Next Generation Science Standards (NGSS), students are expected to collect data to analyze how land slope affects weathering and erosional surface features and delta deposition. Students were introduced to topographical skills which prepped them for an activity on how to use models to conduct investigations and observe phenomena in systems that are too large and would take too long to collect data.

Step 2: Explore

In their lab activity, students hypothesized how the slope of land features can help increase weathering and erosion as well as how deltas form. Students participated in a "socially distant" lab experiment modeling and recording these processes using sand, water, a paint tray, and books to increase the slope over several trials. Students recorded the depth and width of their formed deltas then began generating graphs to represent their data to analyze their findings. This data will be used to prove whether their hypothesis was true or not.





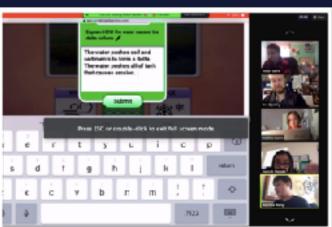


Step 3: Explain

Students collaboratively constructed scientific explanations in the form of Claim Evidence Reasoning (CER) responses based on evidence obtained from their own investigations and the assumption that theories and laws that describe the natural world will continue to operate, such as water seeking the lowest point of elevation due to the pull of gravity. By completing their NGSS-aligned CERs digitally, students were able to proof read, edit, and continue to practice 21st Century technology skills.









A Guidebook to the 3 Major Monotheistic Religions



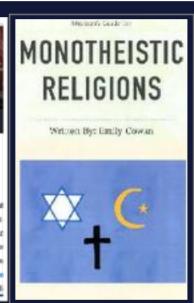
MR. ISENHOWER - 7TH GRADE SOCIAL STUDIES

7th Grade Social Studies Standards

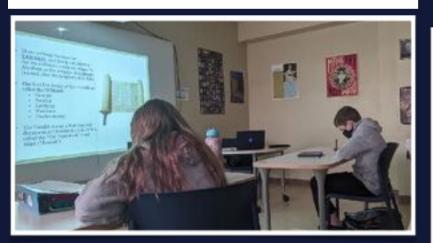
- Students construct explanations using reasoning, correct sequence, examples, and details with relevant information and data.
- Students identify and analyze significant contributions of various civilizations around the world.
- Students identify and explain chronological sequences of events in history, nationally and globally.
- Students analyze multiple factors that influenced the perspective of people during different historical eras.
- Students analyze connections among events and developments in broader historical contexts.

By researching and creating an Illustrated Guidebook, 7th grade students demonstrate their understanding of how these belief systems developed, spread, and helped shape western civilization as we know it.





2. Research:
The content of
our class
discussions is
deepened and
supplemented
by readings
from a wide
variety of
sources.



1. The process begins with our notes, discussions, and student questions.



3. Mind-Mapping:
Students convert
summaries of their
notes into "mindmaps," a colorful
visual shorthand
tool that helps them
remember key
points.

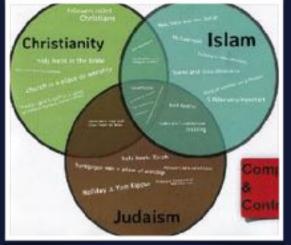


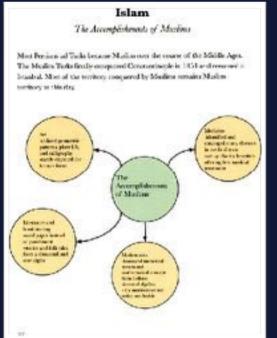


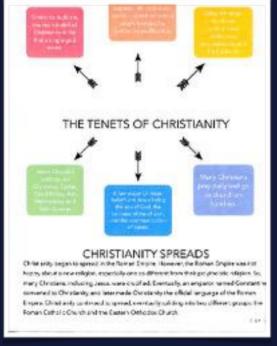
4. Writing & Illustrating:
Students then begin building their content, with emphasis on the use of graphic organizers (charts, tables, diagrams), using publishing software or handcrafting the book as a physical artifact.

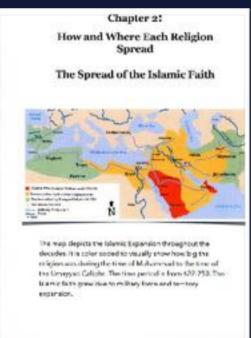


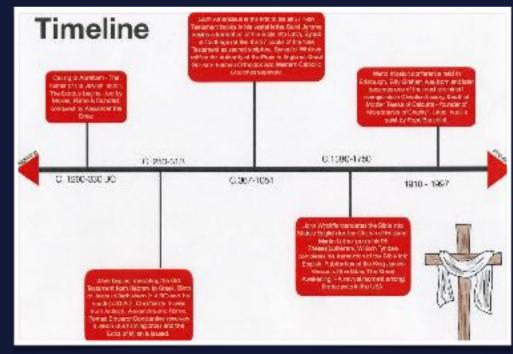










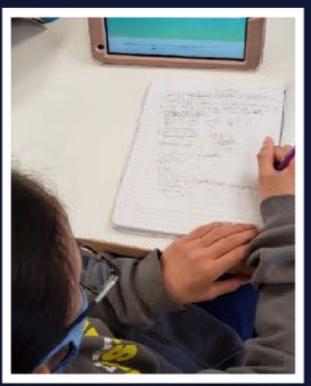


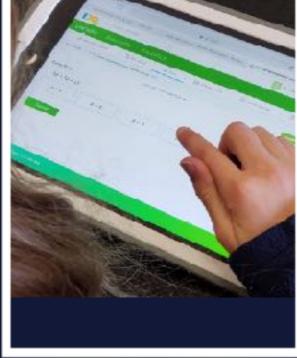
5. Editing & Publication: The final product is an informative, eye-catching, and user-friendly guide through the basic elements of the three major monotheistic world religions.

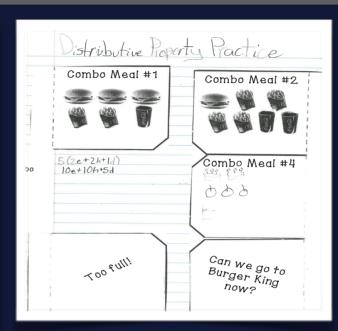
Simplifying Expressions PRE-ALGEBRA - 7TH GRADE - MRS. LAYUS

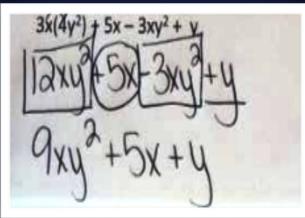
Lesson Objective and Standards Addressed

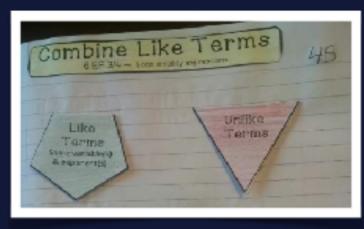
Students in seventh grade are preparing for Algebra as they learn to solve multi-step, real-life mathematical problems posed with positive and negative rational numbers in any form. A crucial part of this includes applying properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.











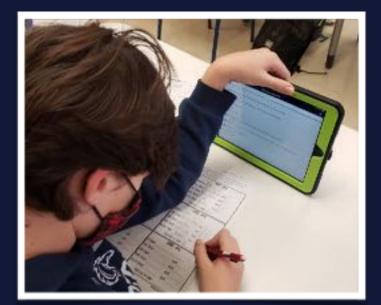
	Equivalers ns: Cut out each of the y, Glue them below to ma	expre	essions on the followi	ng page and
\$\f\z	2x + 9 - x + l2	=	x + 21	125 -3x +22+(32-3x +23+(32-3x)
++27 ++(2) ++(4+1)	-(x + 8) - 3x + 20	=	-4x + 12	(2) H (2)
	3(x + 2) - 6 + x	=	Ч×	1+7-4
14 0 d	3(x + 2y) -l2 + x	П	4x ÷ 6y - 12	2×2×2×2×4×2×4×2×4×2×4×2×4×2×4×4×4×4×4×4
3×+20 3×+20 12-8+2	2x + 3y + (-4x) - 8		-2x + 3y - 8	(8-9)
(0)	-(2x - 3) + 7 - 4x		-6x + 10	(A) (S) (A)

Building Background Foundations

Students were introduced to this topic in 6th grade and reviewed the fundamental concepts at the beginning of the unit. Through note-taking and in class activities including online modules, students practiced and learned strategies for identifying like terms and applying the distributive property.









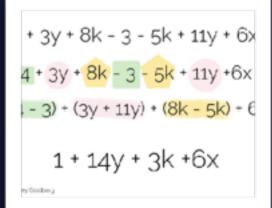


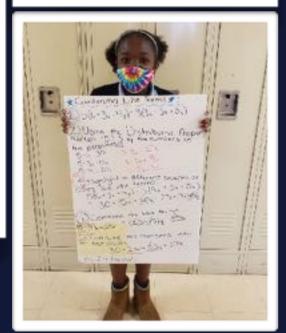
Extending and Practicing

Students built on this knowledge in seventh grade by applying it to lengthier and more complicated expressions. Now students were tasked with combining and layering these skills as they worked to simplify multiterm, multi-variable expressions with included positive and negative values, as well as rational numbers.

$$a(b+c) = ab+ac$$

 $a(b-c) = ab-ac$
where a, b, and c are Real Numbers

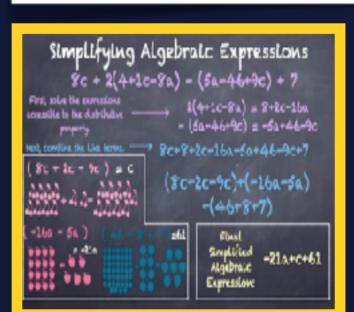


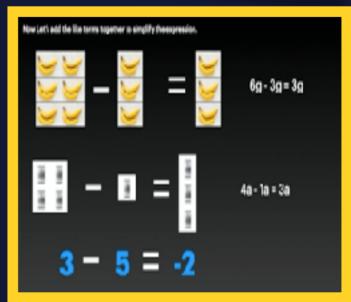


Be sure to click the images with the **yellow** frame to watch some of the students' videos in action!

Culminating Project

Finally, students were asked to demonstrate their knowledge through a project. Students were tasked with creating a step by step tutorial of how to simplify algebraic expressions. Half the tutorial showed the "classic" way to simplify expressions using algebra. The other half of the tutorial allowed students to demonstrate creativity as they used funny, silly or other creative ways to show the processes. Students were allowed to use any medium of choice for this project.







Una visita al médico



MS. KEMENA – 8TH GRADE SPANISH

1. Students began this unit studying Spanish vocabulary related to health, describing their symptoms such as "Me duele la garganta." or "Tengo fiebre."

They also covered grammar concepts like ser vs. estar and the use of the pronouns me, te, le, nos, and les.



2. Students used a wide variety of review games to practice talking about their health. They played heated games of Quizlet Live, and competed to answer first in Spanish in Review Jeopardy.

Script: Una Visita al Médico

Paciente: Hola, doctor. Me duele la cabeza.

Doctor: Ok, haré un examen físico.

Paciente: Yo también tengo tos.

Doctor: Ok, déjame comprobar tu pulso

Paciente: ¿Estoy enfermo?

Doctor: Sí estás enfermo, tu pulso va muy rápido.

Paciente: ¿Qué está mal?

Doctor: Te mido la temperatura

Paciente: ¿Cómo estoy?

Doctor: Tu temperature esté demesiada alta. Creo que tienes gripe.

Paciente: ¿Qué puedo hacer?

Doctor: Te escribo una receta para un medicamento.

Paciente: Gracias lo conseguiré en mi farmacia

Doctor: Tengas un buen d'a.

Paciente: Igualmente

JI OF WALL OF						
Vocab 1	Vacab 2	Gustar, Interesar, Aburrir	Sinn			
\$100	\$100	\$100	\$			
\$200	\$200	\$200	\$			
\$300	\$300	\$300	\$			







3. Students developed their listening and reading comprehension skills by engaging with teacher-created audio and video dialogues. They conducted class discussions to better understand the material and answer questions.

Eighth Grade Spanish Standards

- Students interact and negotiate meaning in a variety of real-world settings and for multiple purposes, in spoken, signed, or written conversations.
- Students use technology as appropriate, in order to collaborate, to share information, reactions, feelings, and opinions.
- Students present information, concepts, and ideas on a variety of topics.
- Students adapt to various audiences of listeners, readers, or viewers.
- Acquire, exchange, and present information in the target language on topics related to self and the immediate environment, and academic content.

4. Students demonstrated their learning by writing a script about a visit to the doctor with a partner. They filmed their dramatic reenactments, added Spanish subtitles, and generated questions for other students to answer based on their videos. Click on the images below to see some example student videos.









Understanding Shakespeare MS. SHARKEY - 8TH GRADE LANGUAGE ARTS





Overview: In order to deepen our understanding of the themes of William Shakespeare's comedy play, "A Midsummer Night's Dream," as well as to consider particular aspects of directorial choice in drama, 8th grade students created presentations in various media that creatively communicated the mood and plot of a scene.

8th Grade Language Arts Standards:

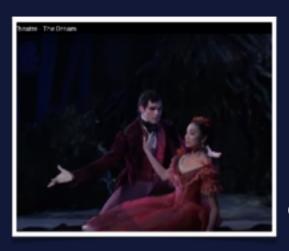
I can analyze the extent to which a filmed or live production of a story or drama stays faithful to or departs from the text or script, evaluating the choices made by the director or actors.

I can integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest.

I can engage effectively in a range of collaborative discussions with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing my own clearly.



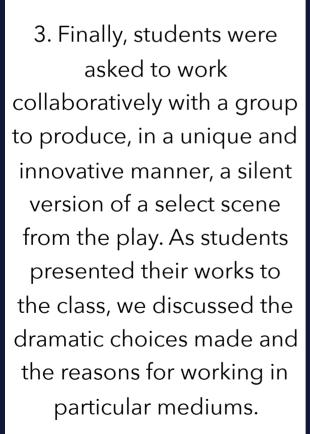
1. As we neared the end of our reading of the play, we paused to discuss how some of the scenes might be staged by a theater director. Students were then presented with brief excerpts from select productions of the play where dialogue was not communicated: a 1909 silent film production and a ballet.





Click above to view student film.

2. Students listed and discussed the directorial choices at work that allowed them to determine the mood and plot of a particular scene, despite the lack of dialogue.

















LCÓMO ES TU CASA?

SEÑORA LOPEZ-SIXTH GRADE SPANISH

WE CAN...

- 1. Name the outside parts and rooms of a home
- 2. Talk about more than one person, place, or thing at a time.







VOCABULARIO

la ventana

la pared

el techo

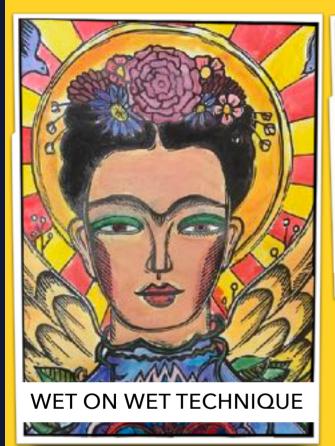
las escaleras

Students designed their homes using the Sketches App and then applied learned vocabulary to label the inside and outside parts of their homes.





CONEXIÓN CON EL ARTE Y LA POESÍA

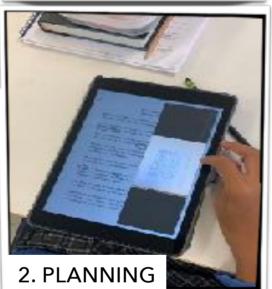






Students connected with artists Diego Rivera and Frida Kahlo as they explored the world of watercoloring and participated in a virtual field trip to La Casa Azul where Frida once lived.

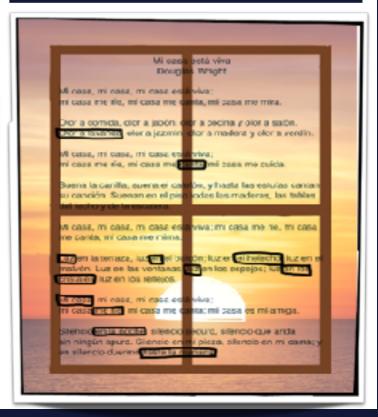






BLACKOUT POETRY

Students explored
language, word
choice, imagery,
mood, and theme as
they created their
digital blackout
poems in Spanish!



Video Game Creation

MIDDLE SCHOOL ELECTIVE



Objective:

I can innovate, play, and design an entire video game from scratch using the tools provided in the 'Bloxels' platform.





Plan:

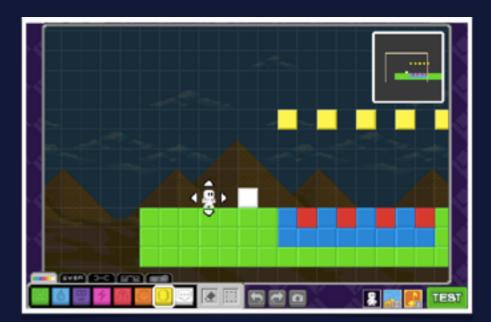
Can you design and create an original storyline for your game?

Create Your Hero:

Design your main character based on your storyline and include the different animations for walking, jumping, falling and idle.

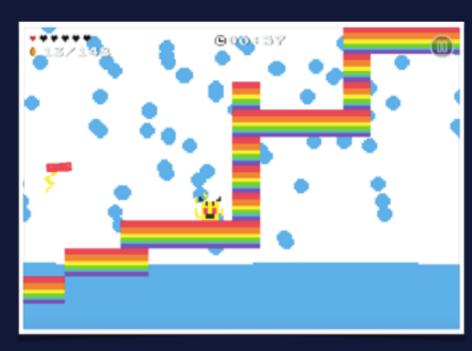
Map Design:

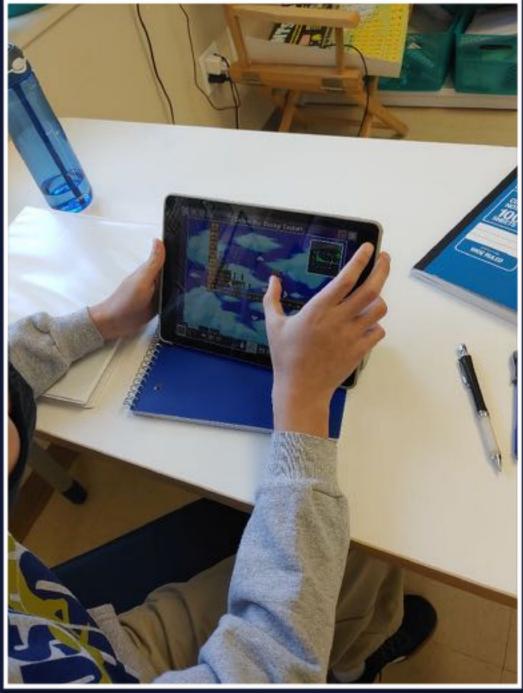
'Color-Code' your map by using the various colored blocks. Each block will behave and interact with your character differently.



Create:

Polish your game up by adding in art blocks to paint over your 'colorcoded' block pieces to give depth, shapes and detail to your game.





Share:

When your game is complete, it can be shared to both our Bloxels Class Arcade as well as the entire Bloxels community for others to try! Once published you can also create a QR code to share out your game.

