

2. NPS

- a. Playground/swing upgrade with traditional, ADA compliant and inclusive elements and rubber flooring pathways.
- b. Playground committee was formed.
- c. Continued mini splits added to the 1970 wing.
- d. New gas alarm installed.
- e. Increased cleaning company efficiency.
- f. Kitchen repairs.
- g. CIP fine tuning.
- h. Winter ice skating rink (thanks to Chris Russo and Peter Latchaw).

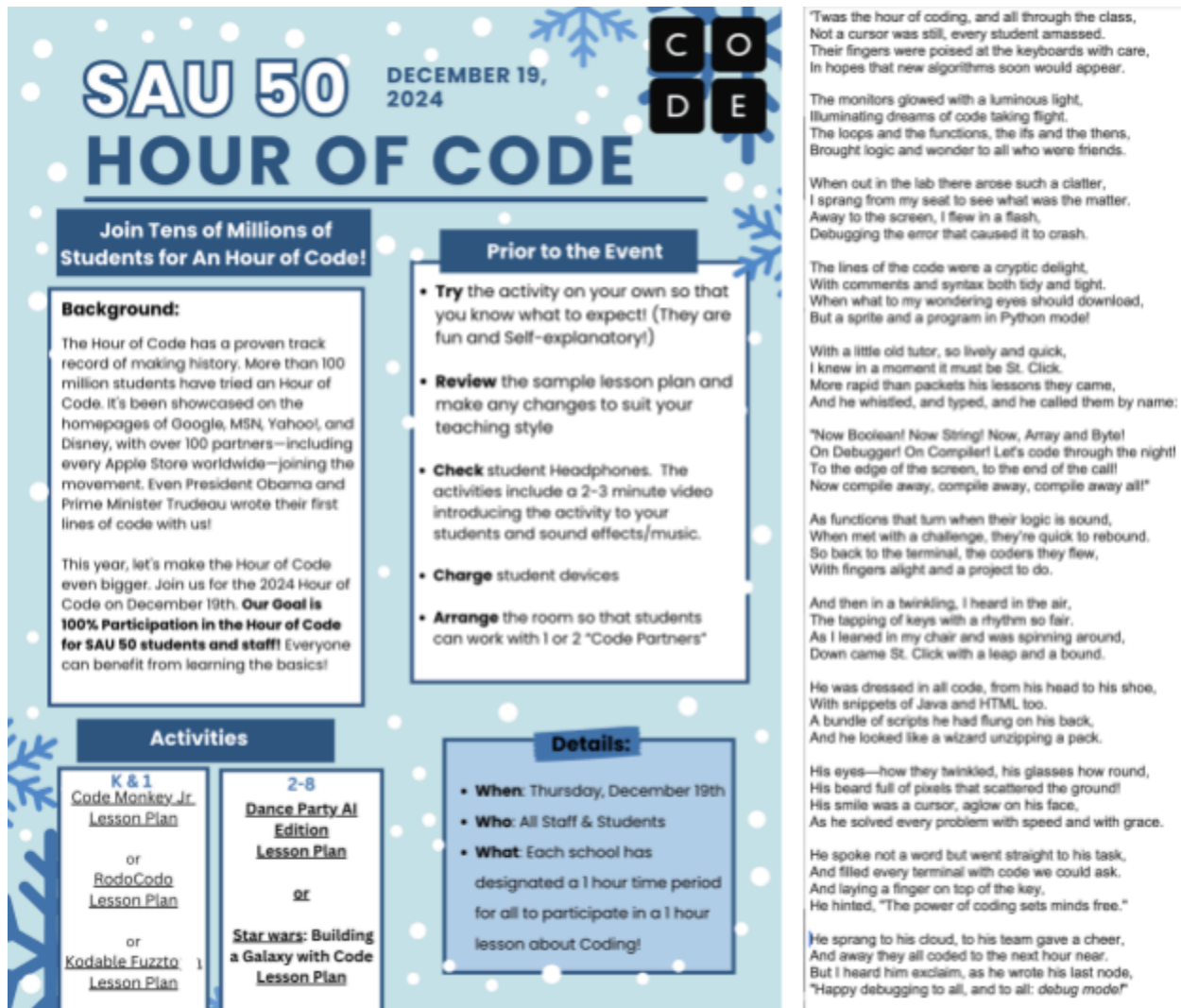
3. GCS

- a. Gym floor replacement.
- b. Bleacher replacement.
- c. Targeted spray foam insulation.
- d. Stump removal.
- e. Pressure valve repair.
- f. Mini-splits added.
- g. Stage curtains updated.
- h. HVAC fine-tuning.
- i. 100 year old safe opening and historical document extraction.



Hour of Code SAU Wide Event:

This year, all students participated in the Hour of Code Event, sponsored by Code.org. Students in grades K-8, and their teachers took time out of their day to do an hour of coding. Below is some of the communication that went out in advance. Teachers did a wonderful job of running the activities and engagement was high, especially given the time of year. Teacher and student feedback was very positive. Plans for next year will be starting soon.



The poster is a light blue graphic with white snowflakes and dots. At the top left, it says "SAU 50" in large white letters, followed by "DECEMBER 19, 2024" in smaller white letters. To the right, the word "CODE" is written in white letters inside four black squares arranged in a 2x2 grid. Below this, the main title "HOUR OF CODE" is written in large, bold, dark blue letters. The poster is divided into several sections with dark blue headers: "Join Tens of Millions of Students for An Hour of Code!", "Prior to the Event", "Activities", and "Details:". The "Background:" section contains text about the event's history and goals. The "Prior to the Event" section lists four bullet points: Try, Review, Check, and Charge. The "Activities" section lists lesson plans for K & 1 and 2-8. The "Details:" section lists When, Who, and What. On the right side, there are four stanzas of a poem about coding.

SAU 50 DECEMBER 19, 2024 **CODE**

Join Tens of Millions of Students for An Hour of Code!

Background:

The Hour of Code has a proven track record of making history. More than 100 million students have tried an Hour of Code. It's been showcased on the homepages of Google, MSN, Yahoo!, and Disney, with over 100 partners—including every Apple Store worldwide—joining the movement. Even President Obama and Prime Minister Trudeau wrote their first lines of code with us!

This year, let's make the Hour of Code even bigger. Join us for the 2024 Hour of Code on December 19th. **Our Goal is 100% Participation in the Hour of Code for SAU 50 students and staff!** Everyone can benefit from learning the basics!

Prior to the Event

- **Try** the activity on your own so that you know what to expect! (They are fun and Self-explanatory!)
- **Review** the sample lesson plan and make any changes to suit your teaching style
- **Check** student Headphones. The activities include a 2-3 minute video introducing the activity to your students and sound effects/music.
- **Charge** student devices
- **Arrange** the room so that students can work with 1 or 2 "Code Partners"

Activities

K & 1
[Code Monkey Jr. Lesson Plan](#)
or
[RodoCode Lesson Plan](#)
or
[Kodable Fuzzto Lesson Plan](#)

2-8
[Dance Party AI Edition Lesson Plan](#)
or
[Star Wars: Building a Galaxy with Code Lesson Plan](#)

Details:

- **When:** Thursday, December 19th
- **Who:** All Staff & Students
- **What:** Each school has designated a 1 hour time period for all to participate in a 1 hour lesson about Coding!

"Twas the hour of coding, and all through the class,
Not a cursor was still, every student amassed.
Their fingers were poised at the keyboards with care,
In hopes that new algorithms soon would appear.

The monitors glowed with a luminous light,
Illuminating dreams of code taking flight.
The loops and the functions, the ifs and the thens,
Brought logic and wonder to all who were friends.

When out in the lab there arose such a clatter,
I sprang from my seat to see what was the matter.
Away to the screen, I flew in a flash,
Debugging the error that caused it to crash.

The lines of the code were a cryptic delight,
With comments and syntax both tidy and tight.
When what to my wondering eyes should download,
But a sprite and a program in Python model!

With a little old tutor, so lively and quick,
I knew in a moment it must be St. Click.
More rapid than packets his lessons they came,
And he whistled, and typed, and he called them by name:

"Now Boolean! Now String! Now, Array and Byte!
On Debugger! On Compiler! Let's code through the night!
To the edge of the screen, to the end of the call!
Now compile away, compile away, compile away all!"

As functions that turn when their logic is sound,
When met with a challenge, they're quick to rebound.
So back to the terminal, the coders they flew,
With fingers alight and a project to do.

And then in a twinkling, I heard in the air,
The tapping of keys with a rhythm so fair.
As I leaned in my chair and was spinning around,
Down came St. Click with a leap and a bound.

He was dressed in all code, from his head to his shoe,
With snippets of Java and HTML, too.
A bundle of scripts he had flung on his back,
And he looked like a wizard unzipping a pack.

His eyes—how they twinkled, his glasses how round,
His beard full of pixels that scattered the ground!
His smile was a cursor, aglow on his face,
As he solved every problem with speed and with grace.

He spoke not a word but went straight to his task,
And filed every terminal with code we could ask.
And laying a finger on top of the key,
He hinted, "The power of coding sets minds free."

He sprang to his cloud, to his team gave a cheer,
And away they all coded to the next hour near.
But I heard him exclaim, as he wrote his last node,
"Happy debugging to all, and to all: debug mode!"



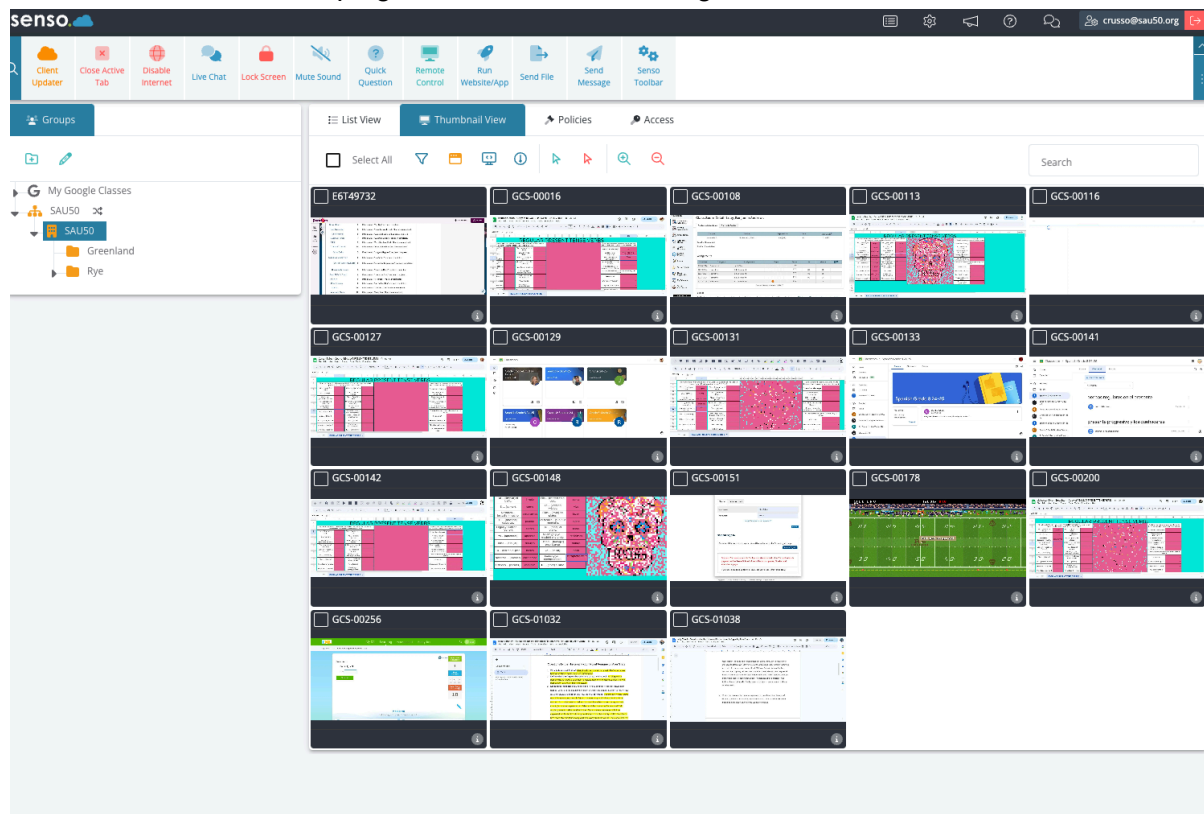
Freckle Pilot - RES -

Faculty at RES were looking for math resources Beyond i-Ready. Sarah Holmes and Michelle Pitts participated in an initial training as well as a Q&A session with a consultant from Freckle. Freckle is a Renaissance product which means student placement is informed by STAR testing results and utilizes a similar dashboard.

Student Device Monitoring Pilots -

We have had requests for better reporting on Student Activity on Chromebooks mostly at the middle school level. We are in the pilot phase of one product that allows administration and technology department staff to monitor student browsing activity more effectively. Most of these products also have a functionality that allows teachers to control where students can browse to during their classes and even push out websites to students easily. We believe this value add

will assist teachers in keeping students on track during their studies



MHT Paging System Install

Installed a paging system which is tied into the phone system so that an all-call can be placed from any classroom or office. Previously the only place that an announcement could be made was from the fire panel in the main entryway. New network cables were run to every classroom, and IP Speakers were added. Currently waiting on 5 more IP speakers to arrive so they can be

installed.



RJH AI Sessions with Students

Mr. Chris Cooney and Mrs. Kate Morrison did a traveling road show to each Middle School homeroom to lead discussions about AI. Their presentation was not only informative and thought-provoking, but it also led to some great follow-up discussions about how AI plays a role in everyone's lives. [Here is their presentation!](#) It is worth reviewing!


GCS- Added exterior PA Speakers to improve PA coverage outside. A request was made for better audio for students and staff outside of the building during PA announcements. Jeff and I added a speaker at the end of the building and also added an additional speaker at the rear of the building. we also discovered that one existing speaker was not functioning and we fixed that as well.

Frontline Support Phase

The technology department has continued to provide support for Frontline Absence Management, Frontline Central, and Frontline Time and Attendance to end users and central office staff. At this time most requests have been for training or a deeper understanding of how the product can further support our staff.

PowerSchool Data Breach Update

Communication from powerschool has been slow and not very helpful. Legal counsel for TEC, to which we subscribe, is attempting to hold PowerSchool to the letter of the Data Privacy Agreement that governs our relationship with them as a vendor. Below is a link to that notice. At issue is PowerSchool's delayed notification. I anticipate that there may be further legal action against PowerSchool, depending on the results of the 3rd party investigation into the breach. PowerSchool has enlisted CrowdStrike to provide an independent report. We should see that in the next 30 days. CrowdStrike is also providing Dark Web Monitoring to alert them if the information is posted online.

 [Cover Letter Data Breach 01-08-25.pdf](#)

SAU 50 response to the breach

The notification came in via email with very little information on the evening of Jan 7th. By the morning of the 8th, we had enough information to determine that SAU 50 was likely a target. Lindsay was able to tap into her professional organizations and figure out what to look for in our powerschool logs. She was quickly able to find the breach and replicate the 2 files that were taken.

9:50 AM Activated the Technology Data Breach Response Plan. Reviewed the data and determined that notification would be necessary. Notified Steve and Dave of the details.

Reviewed the files. The teacher's info is very generic. Student data is also generic. No SSN, financial info, photos, etc. This is positive.

10 AM - K12 Six hosted a webinar with about 1000 schools, going over what they had learned about the breach.

- Compromised Account with backdoor access to all PowerSchool instances
- Payment made to Threat Actor
- PowerSchool claims to have video evidence of the files being destroyed.
- Obviously not 100%, data could be released at later date.

11 Am - Begin drafting communications to the community.

1:30 PM re-convened with Steve, Lindsay, Jeff, and Chris

Plan to reset all student passwords, as those were stored in the student table.

Developed notification to staff about the plan to change passwords

Developed notification to staff that their data had been breached.

Drafted communication to families about the breach. Waited on sending it until after PowerSchool hosted a briefing at 3PM. I was hoping to have more relevant details to share.

3PM- Chris Cooney attends RJH staff meeting to go over PW change plan with faculty.

Evening of the 8th

Lindsay changes all student passwords using Onesync and new PW scheme.

Exported PW from OneSync and formatted for upload into PowerSchool

Lindsay then uploaded new passwords into Star platform. Winter Testing window was opening.

Jan, 9th -

Instructions were sent to Admin and secretaries about how they could view student passwords and generate class lists of usernames and passwords.

Instructions were sent to Teachers about how they could view student passwords and how to clear user accounts from Chromebooks.

Tech team circulating to assist teachers with the process. Maria Emory in the GCS office (who was all alone) hopped in and assisted with generating class lists. Thank you Maria!!!

Follow-up items:

- Future communications to families
- Develop a Data Breach Response Plan Worksheet that can be pulled out in the moment and followed easily.