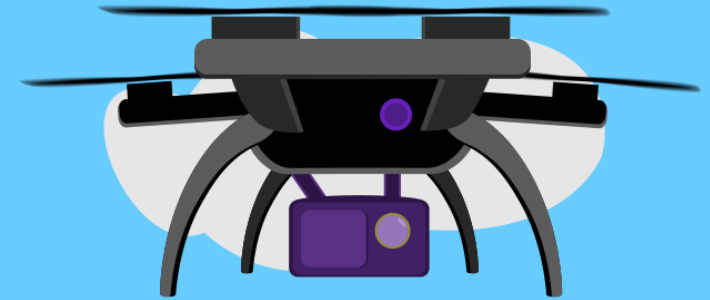


**SEAFORD**  
Union Free School District



# Instructional Technology



**Debbie Langone**  
**Executive Director of**  
**Instructional Technology**  
**& STEAM**

**January 24, 2024**

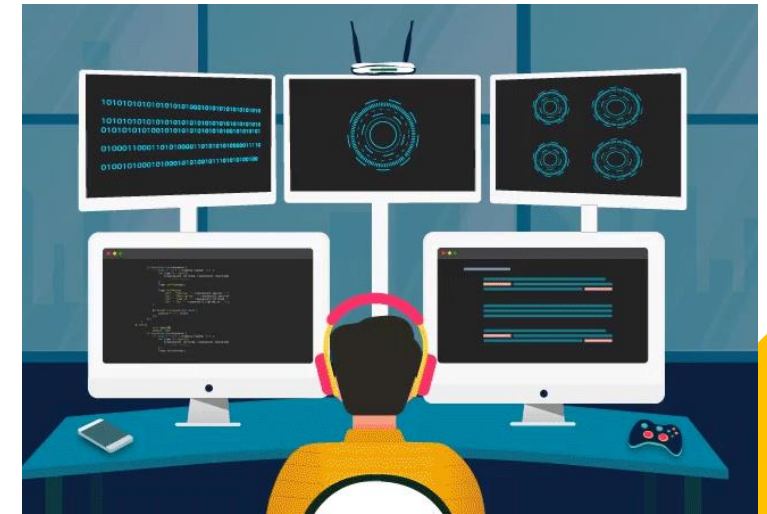
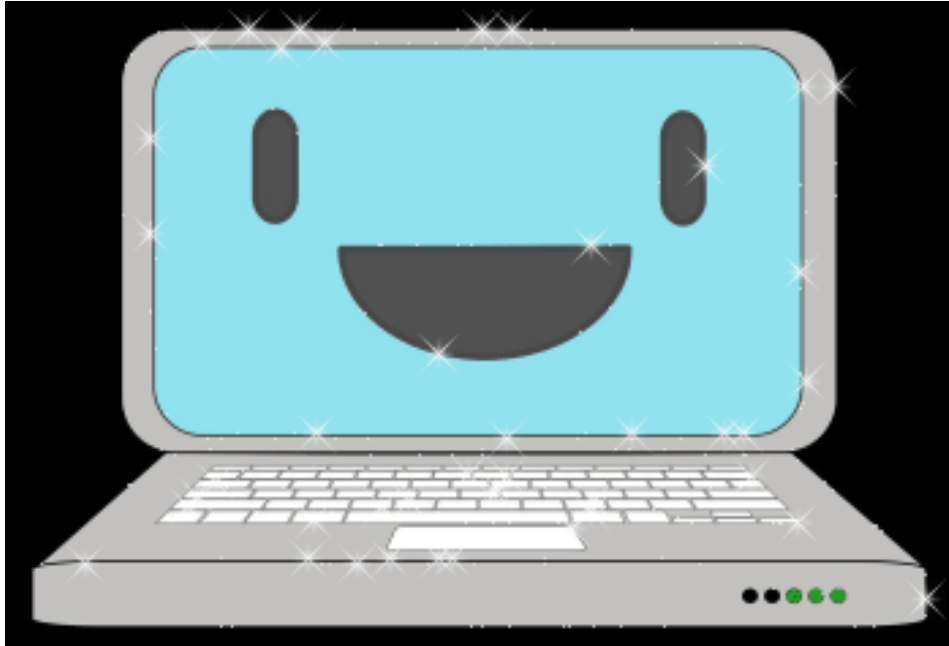
# Presentation Overview

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- 1) Assets & Infrastructure**
- 2) Our Team**
- 3) Instructional Technology in the Classroom**



# 1) Assets & Infrastructure



# K-5 One-To-One Devices

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**Grades K-2**



**Grades 3-5**



# 6<sup>th</sup> Grade G10 Laptop Distribution



# Secondary HP G10 Laptop Distribution



	Anticipated		
	2022-2023	2023-2024	2024-2025
5			
6			
7			
8			
9			
10			
11			
12			

- **Enhances access to digital apps**
- **Convenient single sign-On**
- **Launchpad digital applications are all in one place**
- **Analytics: Detailed data for every App**



# ClassLink LaunchPad

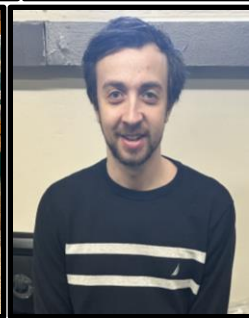
The screenshot displays the ClassLink LaunchPad interface, which is a central hub for various educational and administrative tools. The interface features a blue header with the "LaunchPad" title, a search bar, and user profile information. Below the header, a grid of application icons is presented, each with a corresponding label. The applications are organized into rows and columns, with some icons appearing in multiple rows. A snowman character is visible in the bottom-left corner, and a set of navigation icons is located at the bottom center.

Icon	Label
	Acceptable Use Policies (...)
	Back to School Checklist
	Book Creator
	BrainPOP
	BrainPOP Jr.
	CL Academy Admin
	ClassLink Analytics
	ClassLink Management Cons...
	Copy Center
	DeltaMath
	EdTech Dashboard
	Exclusive EdTech Discount...
	Flocabulary
	Groups and Users Beta
	Help Center CL Admin
	Incident IQ
	Infinite Campus
	Library Databases
	McGraw Hill
	Microsoft Outlook
	My Files
	Notifications Beta
	Question Sampler
	Savvas EasyBridge
	Seaforde Email Archive
	Seaforde UFSD
	ThinkCentral - HMH
	Webinars for Admins
	Webinars for Instructors
	Webinars for Students
	Zoom

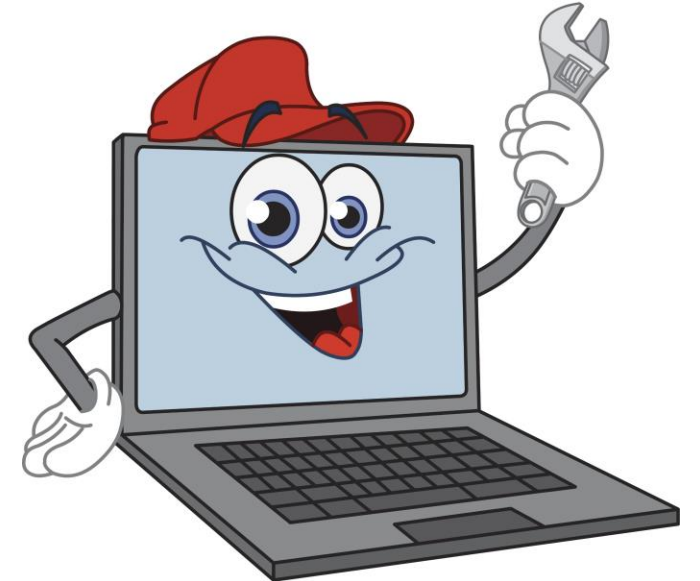


## 2) Our Technology Team



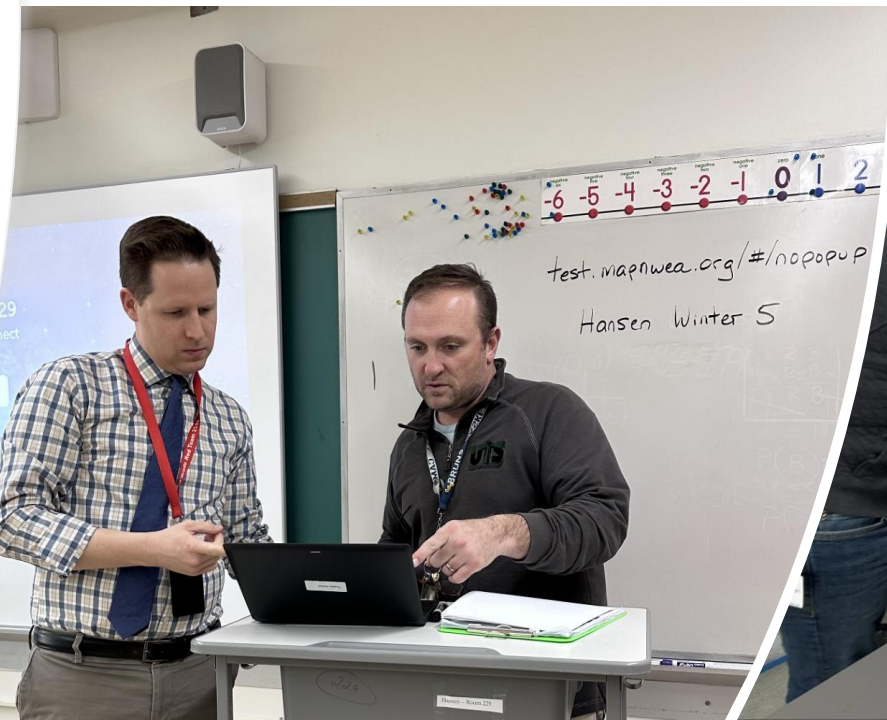
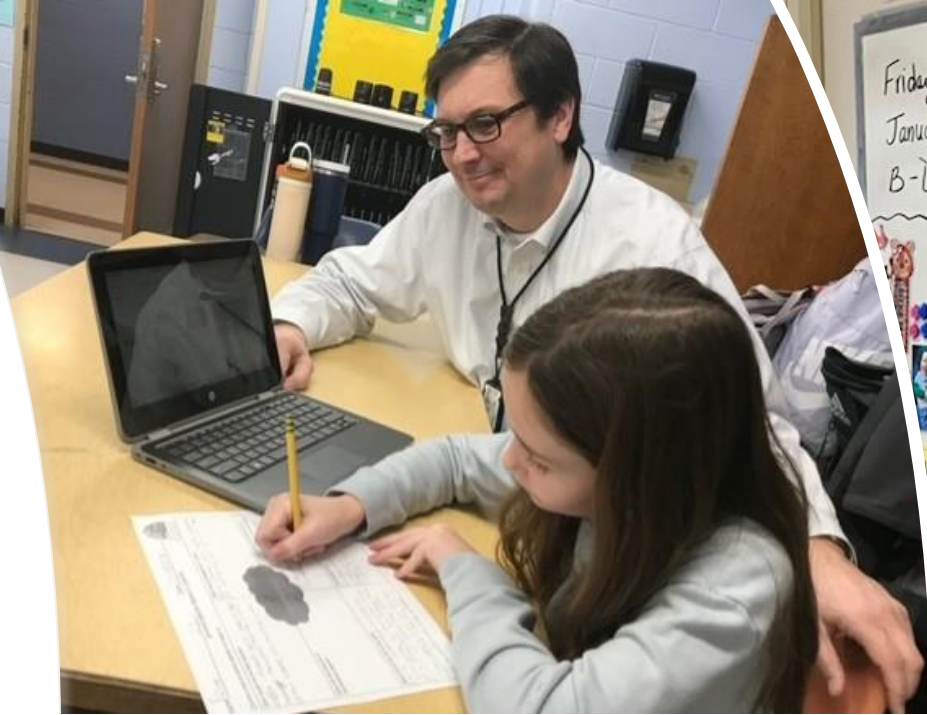


# Seaford Technology Department





# Computer Mentors

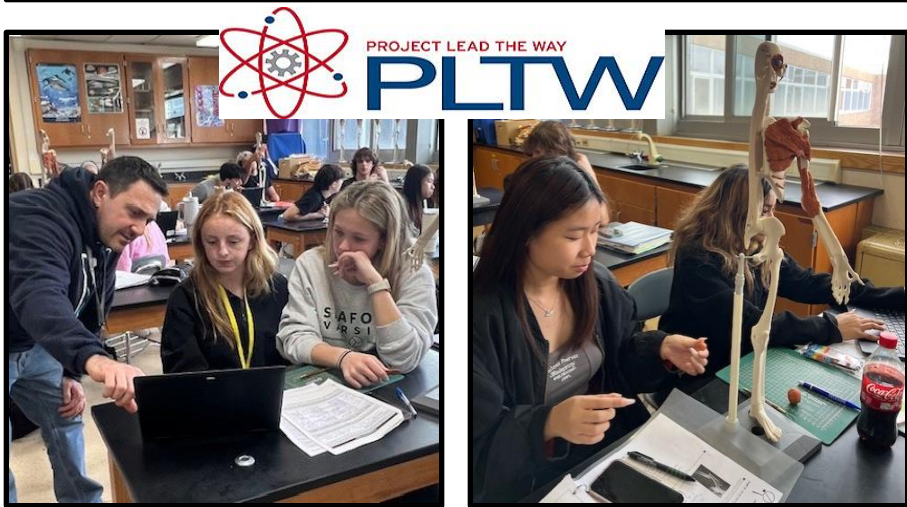




# 3) Instructional Technology In the Classroom

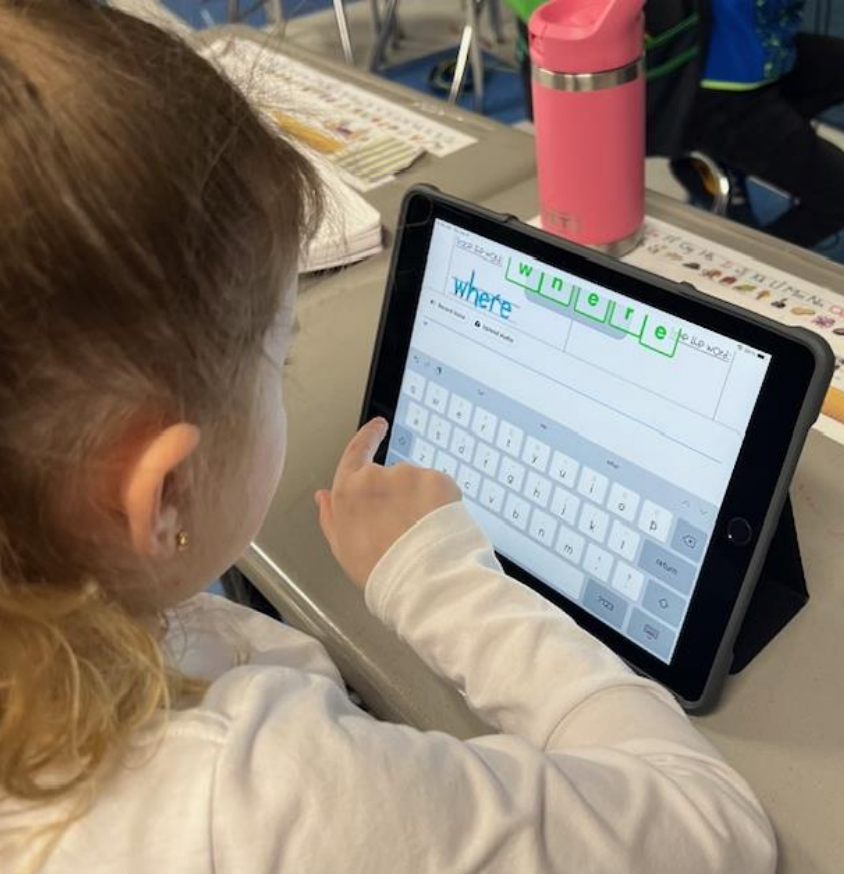


NASA  
STUDENT  
ENGINEER  
Today I was an  
Electrical Engineer  

 PROJECT LEAD THE WAY  
**PLTW**



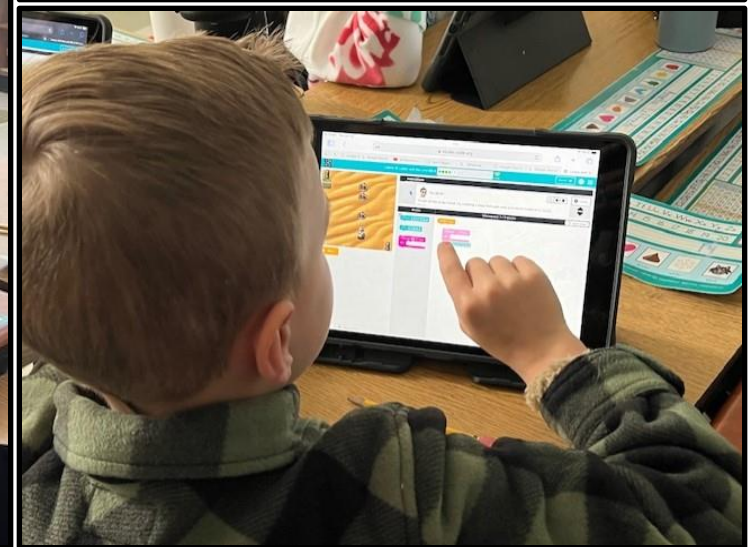
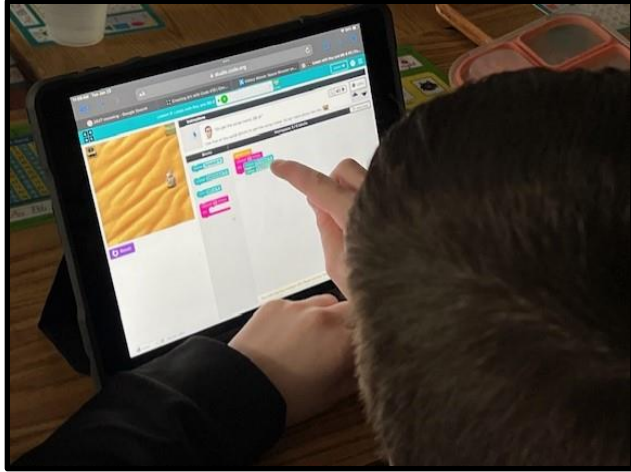


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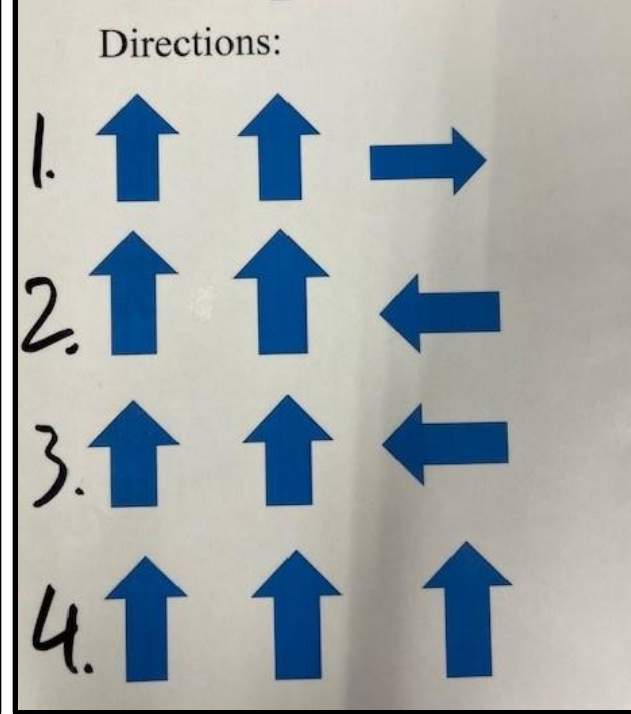
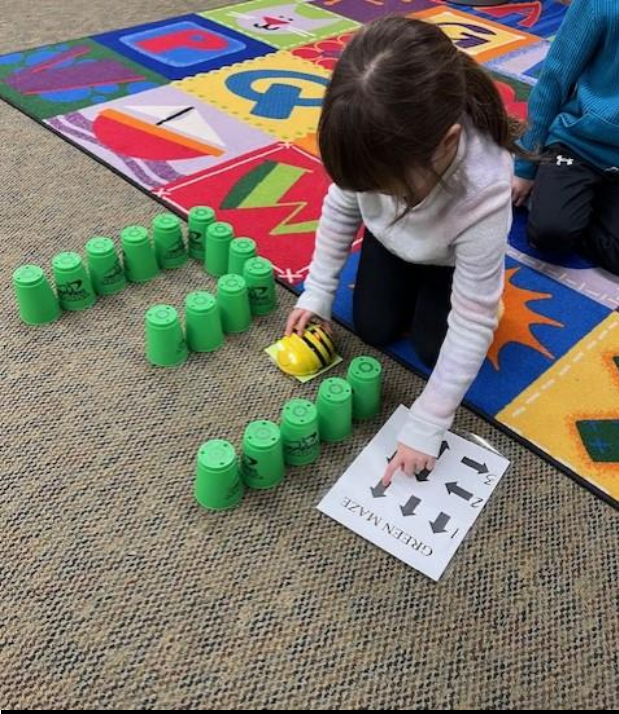
Harbor Elementary  
Ms. Kemper, Grade 1  
IT & Multimodal Literacy Instruction



# Manor Elementary Ms. Campo, Grade 2 STEM Enrichment





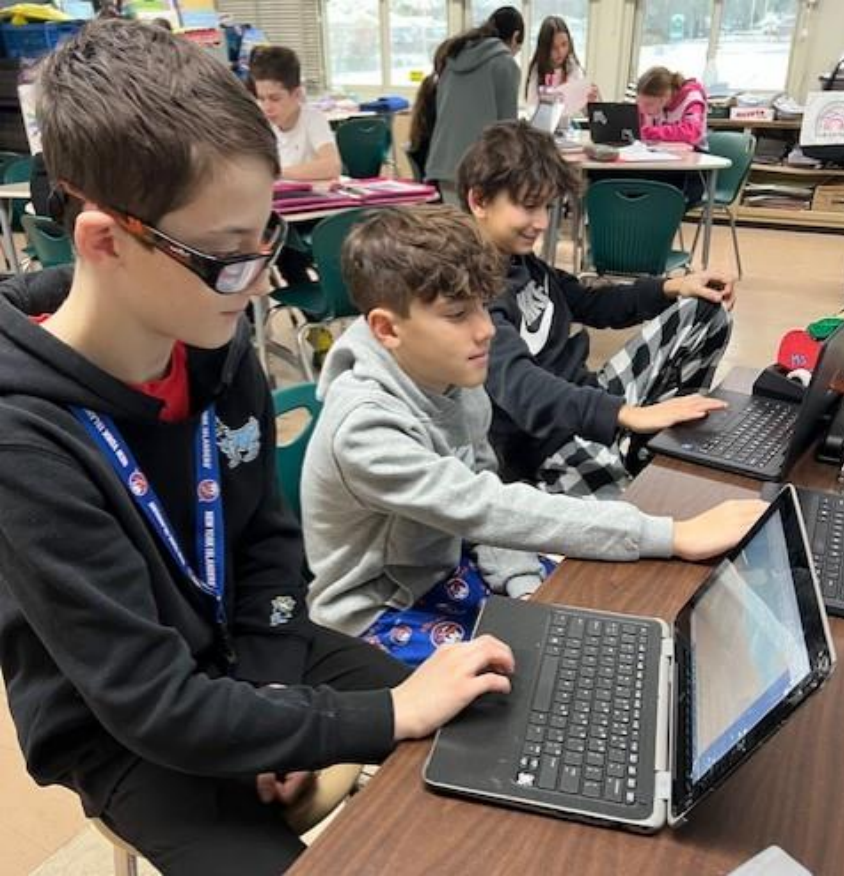


# LIFT

Ms. Kukla & Mr. Maricondo  
Manor Elementary  
Grade 1







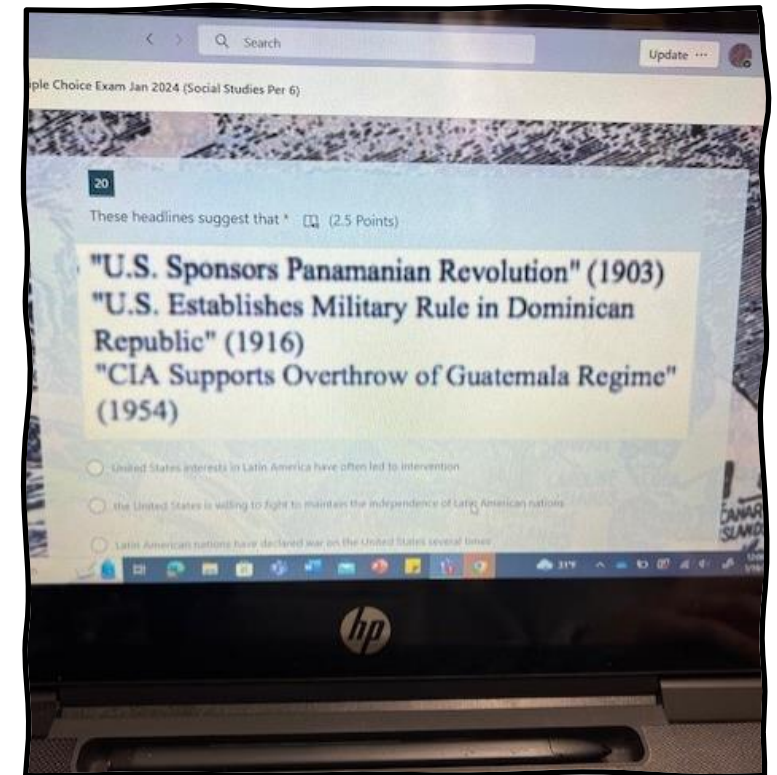
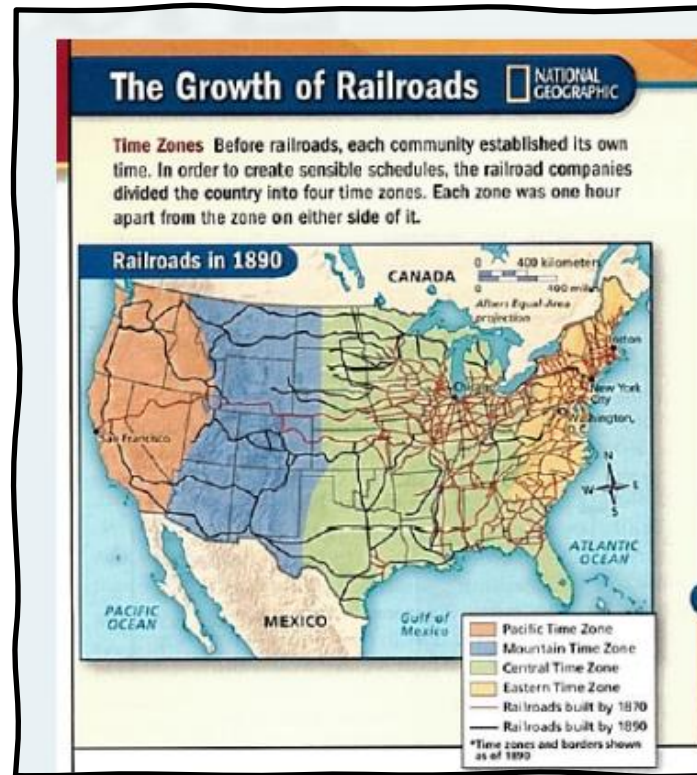
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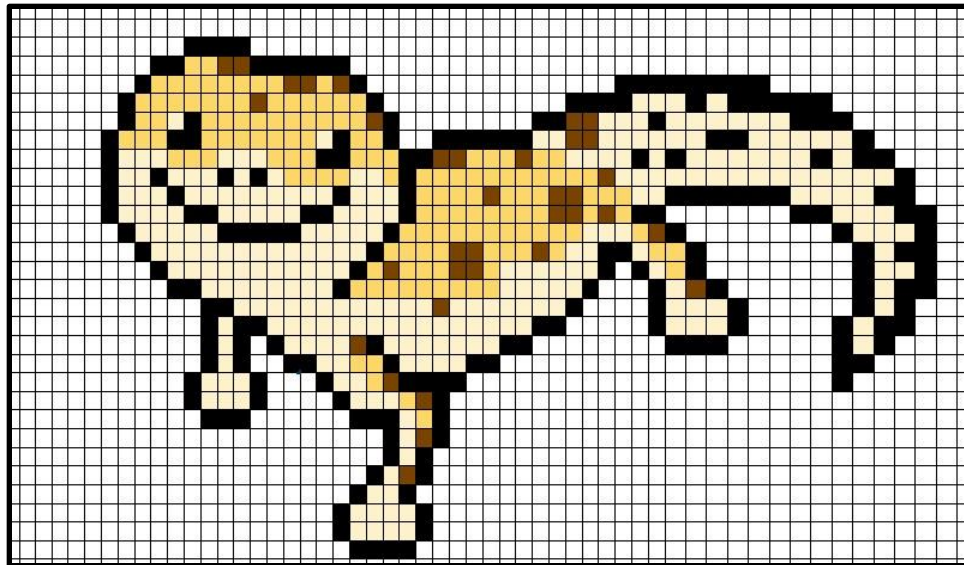
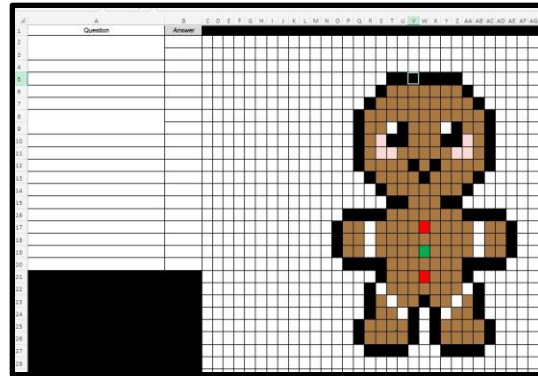
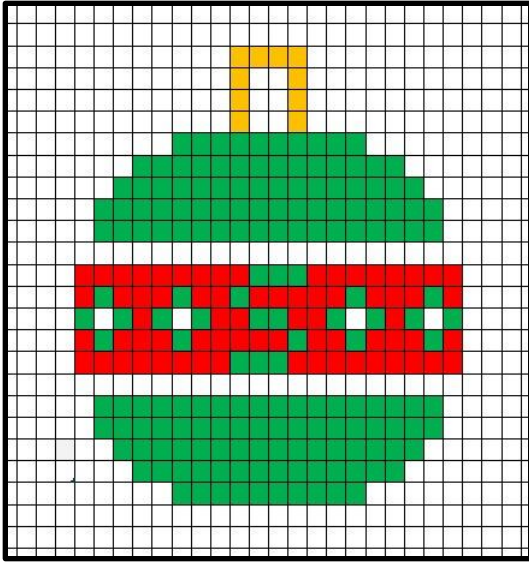
Ms. Dolan/Grade 6  
Project Based Learning- Ancient Egypt Unit  
*Research, PowerPoint, Presentation*



# Preparing for Assessments of the Future

## 8<sup>th</sup> Grade US History/Mr. Milano





Instructional Innovation  
with Excel  
Mr. Roveto's  
Precalculus Pixel Perfect  
Review Activity



D15 | fx

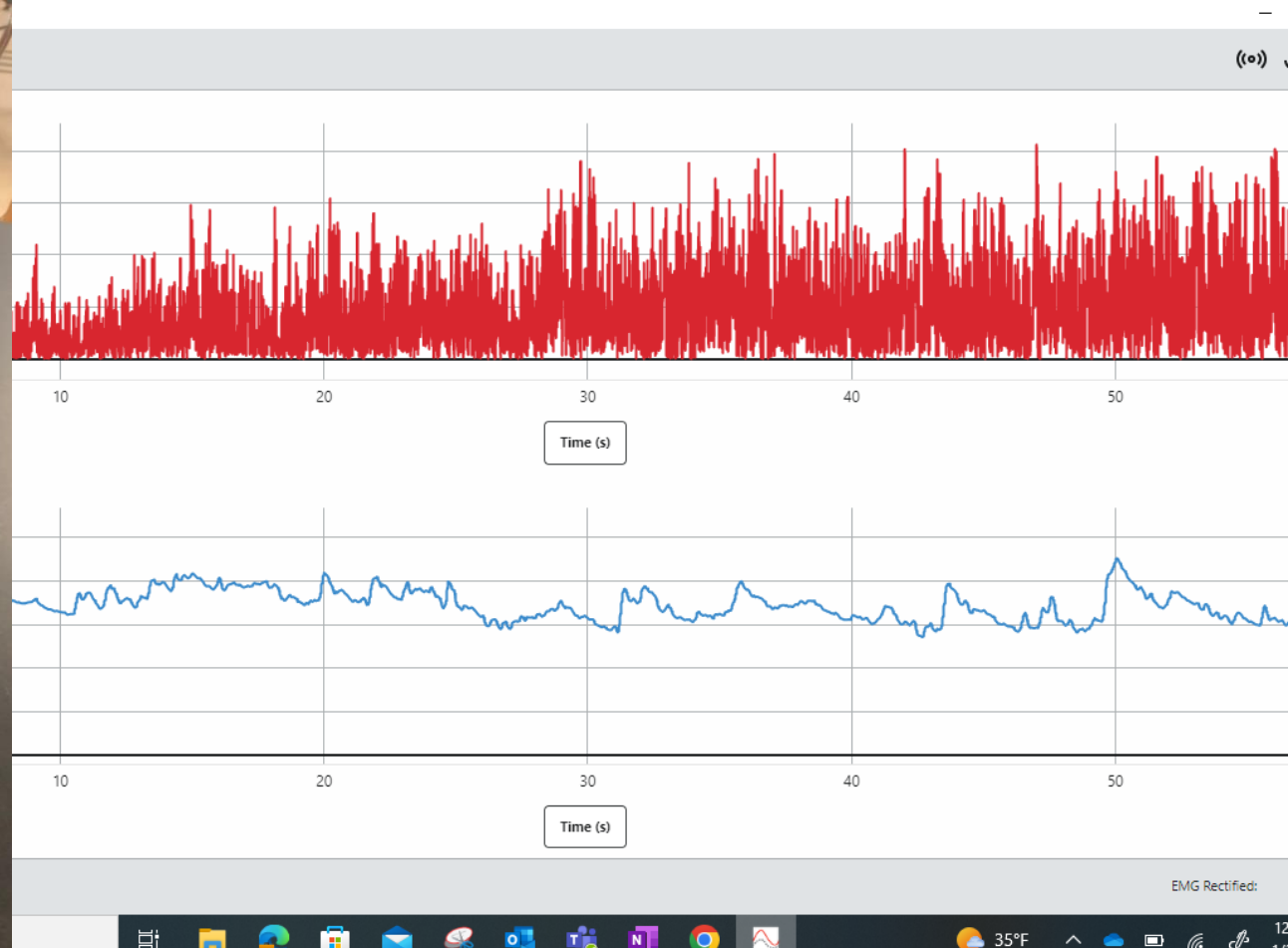
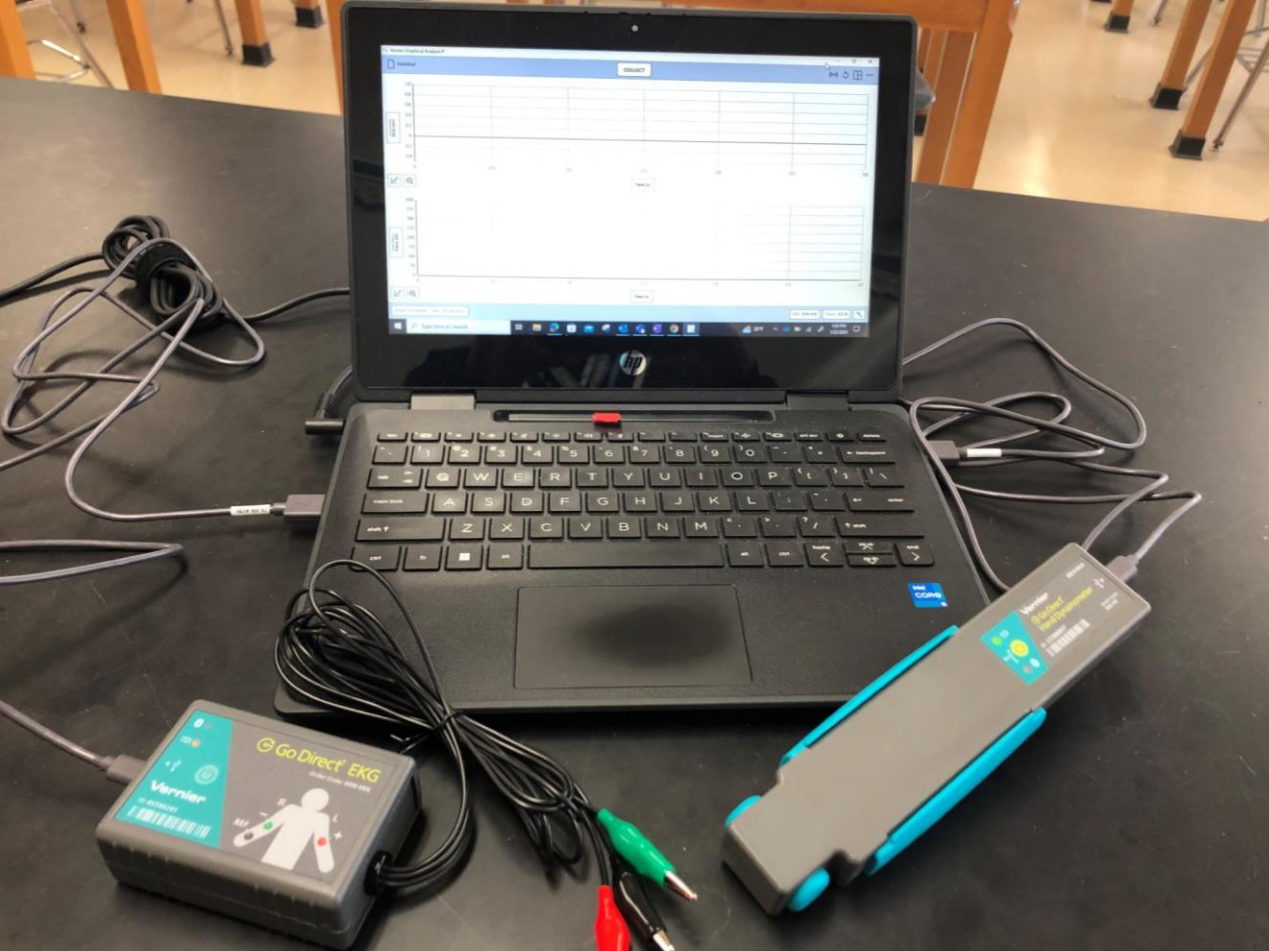
**INSTRUCTIONS: YOU WILL BE SOLVING VARIOUS EQUATIONS AND INPUTTING THE ANSWERS TO UNLOCK A PICTURE ON THE NEXT SHEET OF THE DOCUMENT. LET'S PRACTICE FIRST!**

**SOLVE THE FOLLOWING EQUATIONS FOR X.**

EQUATION	SOLUTION
$2x + 5 = 11$	
$x^2 + 6x + 8 = 0$	

**IF YOU WANT TO SEE THE ENTIRE PICTURE WHEN YOU ARE DONE WITH THE ACTIVITY, SET THE ZOOM TO 80%.**





## HS PLTW Human Body Systems/Mr. Scourtos What Factors Impact Muscle Strength & Fatigue?

### Skills:

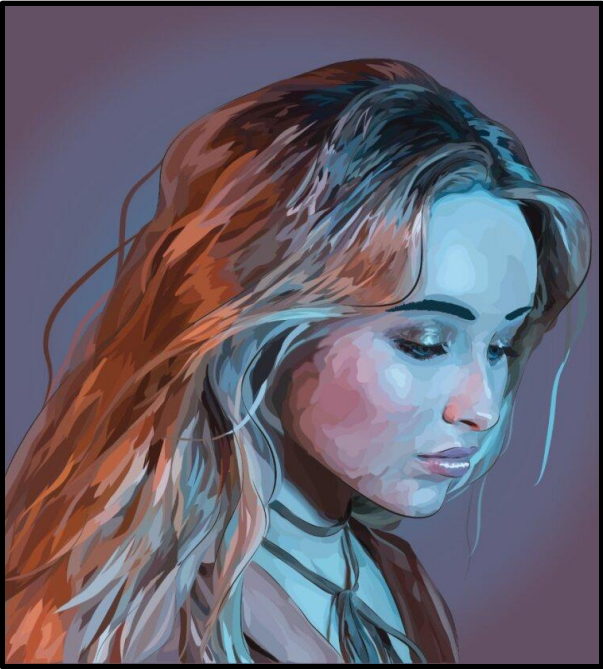
- Go Direct Hand Dynamometer-Grip strength
- Go Direct Electromyogram (EMG) sensor-Electrical activity of muscle nerves
- Graphical Analysis-Visual displays and analyzation
- Student Designed Experiments



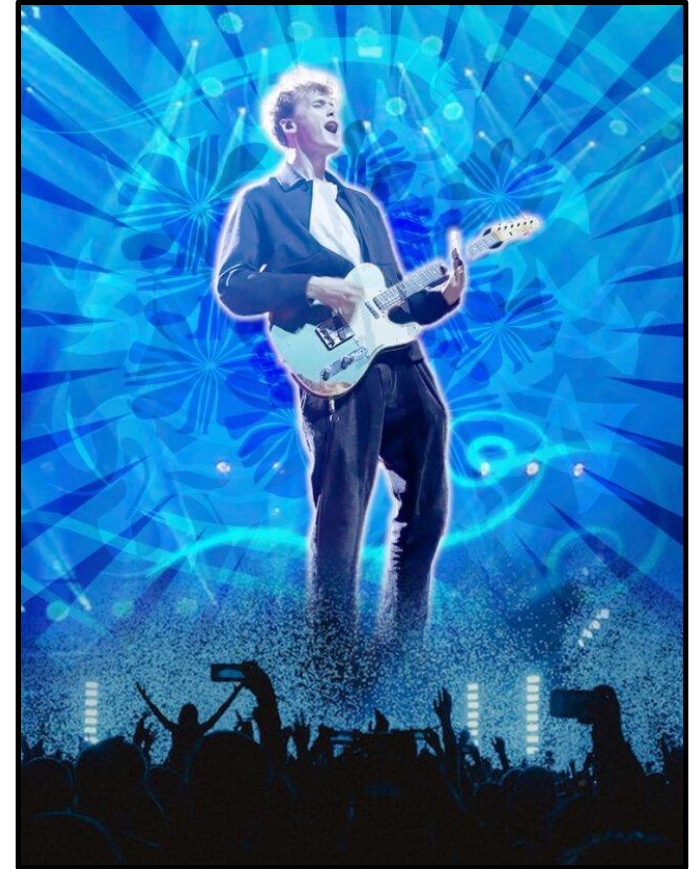


# HS Digital Art Mr. Tripoli

Surrealism with Photoshop



In these rotoscopes, shapes created with a mouse to reveal the form.



Eye-Catching  
Action Poster





# Enhancing Classroom Engagement Across the Curriculum

## Resources by grade

Pre-Kindergarten /  
Kindergarten

Elementary / Primary

Middle School

High School / Secondary

## Resources by subject



English Language / Arts



Math



Science



Social Studies



Languages



Special Education



Creative Arts



PE / Health



# 9<sup>th</sup> Grade World History

## Ms. Geeraerts

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## Rome around us

By: Sydney McEntee, Riley Prosser, and Kayla Straker



# NYS Computer Science & Digital Fluency Standards

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Impacts of Computing



Computational Thinking



Networks & System Design



Cybersecurity



Digital Literacy



# Seaford's Instructional Technology Monthly Newsletter



Can I help you?



Need Tech Assistance?  
Enter your Requests in Incident IQ!



Found in the SUFSD Favorites Folder



### Data Privacy Week January 21-27

This Year's Theme: Take Control of Your Data



Click Here

### Microsoft Education Blog!

Learn about Microsoft's most recent AI Innovations for Education and expand your AI

Click Here



### Edutopia Highlight:

A Desk Layout Alternative to Rows and Circles

Click Here

## edutopia

WHAT WORKS IN EDUCATION

From the Desk of  
*Debbie Langone*



Executive Director of Instructional Technology & STEAM



This Month's  
Tech Hack

Windows Key + D  
Minimizes all Open Windows  
Instantly!





**HERALD**

## A 'Bright Light' at Seaford High

Michael Kerr recognized for innovations in art class

Posted January 19, 2024



Seaford High School art teacher Michael Kerr showing a digital sculpting app to students, from left, Anastasia Perlegis, Isabella Buran and Lilli Doblin. Students say Kerr allows them the freedom to express their creativity in his classroom.

COURTESY SEAFORD SCHOOL DISTRICT





Jeff Zapata: GPK Artist  
"ALL WERE GREAT. SOME WERE ACTUALLY ALREADY MADE INTO A GPK. THE TELE TUBBY WAS PRETTY MUCH MADE SO IT'S ALREADY A WINNER. I TRIED TO JUDGE THE ONES THAT SEEMED NEW, AND GAVE CLOSE TO THE THOUGHT PROCESSES OF TOPPS GAG OR ART STYLE. REALLY HARD TO JUDGE SUCH GREAT IDEAS."