



Technology Update

Presentation to the Board of Education
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Mr. John Nolan
Dir. of Information & Technology Services

Smithtown Central School District

Guiding Principles

- Meet the K-12 information technology needs of students, teachers, and support staff
- Curriculum & administrative needs drive technology implementations
- Work collaboratively with subject matter experts
- Maintain cybersecurity while effectively providing services



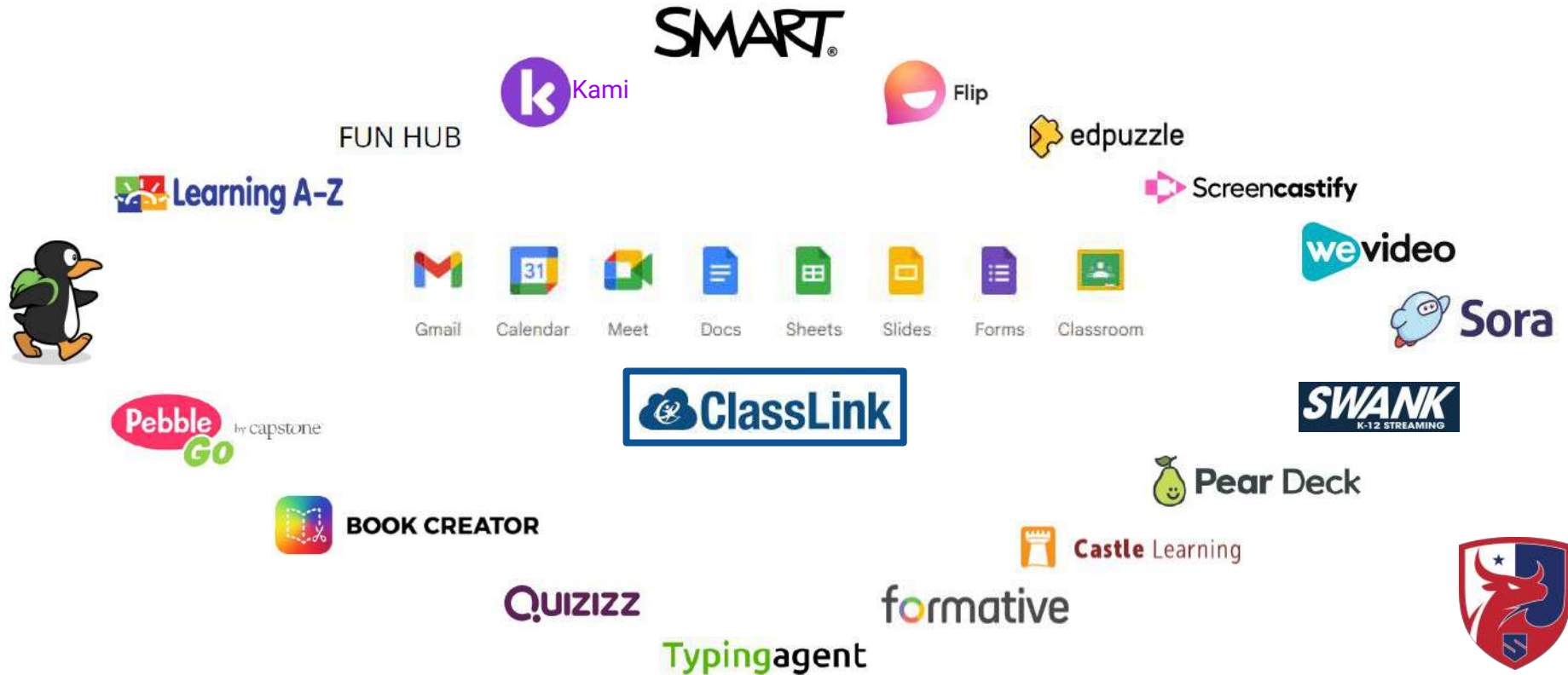
Technology Professional Development

Technology Integration Instructional Specialists:

- Share educational technology resources to support curriculum integration
- Conduct training classes and workshops on integrating technology via Staff Conference Day, faculty, and department meetings, in-person and/or virtually
- Follow-up with teachers by providing group and/or individualized support
- Conduct regular Coffee with the Coach, Lunch & Learn, and video presentations
- Support teachers in developing lessons and projects
- Co-teach and model lessons



Instructional Technology Applications



ClassLink

ClassLink:

- Launched with the opening of this school year as the place for staff and students to login to our many different applications
- Extends account protection from Google to our Applications, and both are available and monitored 24/7/365
- Web address is <https://launchpad.classlink.com/smithtown/> and a ClassLink button can be found on our website under Staff or Student Resources



ClassLink LaunchPad – Elementary Level



ClassLink LaunchPad – Secondary Level



Cybersecurity – A Team Effort

Team effort that includes participation with:

- Federal Agencies - primarily but not limited to:
 - FBI - Federal Bureau of Investigations
 - DHS - CISA - (Dept. of Homeland Security-Cybersecurity & Infrastructure Security Agency)
 - Federally funded MS-ISAC (Multi State - Information Sharing and Analysis Center)
- State
 - DHS+ES CIRT - Cyber Incident Response Team
 - NYS Police - NYS Intelligence Center
 - RIC One - Consortium of NYSED and the 12 Regional Information Centers
- Local
 - Suffolk County Police Department
 - Eastern and Western Suffolk BOCES
 - Auditors
- All of our **staff & students**



Cybersecurity Awareness

2022-23 Status:



The Cybersecurity and Infrastructure Security Agency (CISA) is the federal lead for Cybersecurity Awareness Month with the National Cybersecurity Alliance (NCA) as co-lead.

Now in its 19th year, Cybersecurity Awareness Month is a collaborative effort between government and industry to raise cybersecurity awareness nationwide and help ensure that all Americans have the resources they need to be safe and secure online.

2023-24 Status:

- October 2023 was the 20th annual Cybersecurity Awareness Month.
- We continue to work with staff and students in raising awareness and protection levels.
- This October also saw a review and tightening of trusted applications that can sign-in with Google.



Cybersecurity Awareness – Password Security

2022-23 Status:

Use Strong Passwords



- Creating strong passwords is an easy way to improve your cyber security. Strong passwords include one uppercase letter, one lowercase letter, at least one number and 11 or more characters. Be sure to use different passwords for different accounts.
- Use password managers to generate and remember different, complex passwords for each of your accounts. A password manager will encrypt passwords securing them for you!
- Put cybersecurity first by protecting the information stored on devices. Much of a user's personal information is stored either on their computer, smartphone, tablet or possibly someone else's system.



2023-24 Status:

- CISA recommended password length has increased from 11 to 15 characters.
- ClassLink acts as a password manager for staff and students for applications by creating a Single Sign On (SSO) method.
- Staff and students should not use their district assigned account name and password for non-district third party accounts.



Cybersecurity – Shields Up

- The steps from the previous slides seek to balance the needs of security and usability
- In February 2022, CISA advised all agencies and companies to operate with a Shields Up cybersecurity posture and we still continue to do so



<https://www.cisa.gov/shields-up>



Instructional Technology Hardware Status



Artificial Intelligence

This is a rapidly growing area in technology with more to come in 2024-25

- Many of our current software vendors are already working to integrate AI into existing applications
- We are experimenting with, or following the development of, some new AI tools that are working towards NYS Ed Law 2-d compliance



Model Schools Awards 2023-2024

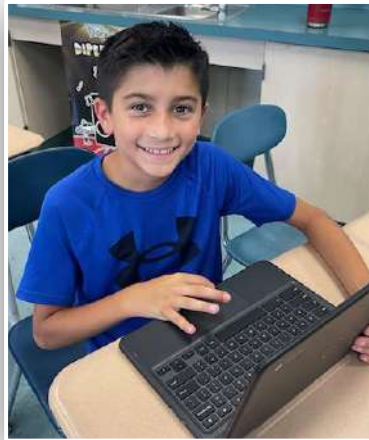
- The Western Suffolk BOCES Model Schools Program Grant Awards for 2023-2024 were announced on Friday
- Three grants of \$1,000 each were awarded to Smithtown CSD teachers to be used for instructional materials in their classrooms

Teacher	Title of Project
Donna Deluca & Lorraine McDermott	Hero's Journey Project
Kathleen Lamitola	Learning to Read with Geodes with the Support of Google Earth
Michelle Robinson	Ozobot Ice Capades



Technology Update Summary

**We continue to integrate technology that supports curriculum goals,
we do so securely in order to support the instructional program
and to meet the needs of our staff and students.**



Thank You!

