



Office of Digital
Teaching & Learning

Technology Townhall

June 2022

Technology Townhall June 2022

Introduction, Updates



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Teaching & Learning

Russell Deneault
Director of Technology, Creighton
School District
Vice President, AASBO



Kelly Krusee
Program Manager
Office of Digital Teaching & Learning



Participant Introductions

Name

Title

School & County

Favorite part of summer work



TOWNHALL OBJECTIVES

- Introductions, review of purpose and goals
- Group will learn about:
 - Digital Teaching & Learning Updates
 - Cooperative Purchase Program
 - Cybersecurity Discussions
 - Knowledge & Strategy Sharing
- Gather feedback and input from participants
- Announcements & Closure



Arizona Department of Education Five Year Strategic Plan

Priority #1: Student Equity and Achievement

Priority #2: Educator Recruitment and Retention

Priority #3: Safe and Healthy Schools

Priority #4: Strategic Funding

Priority #5: Strategic Data Use

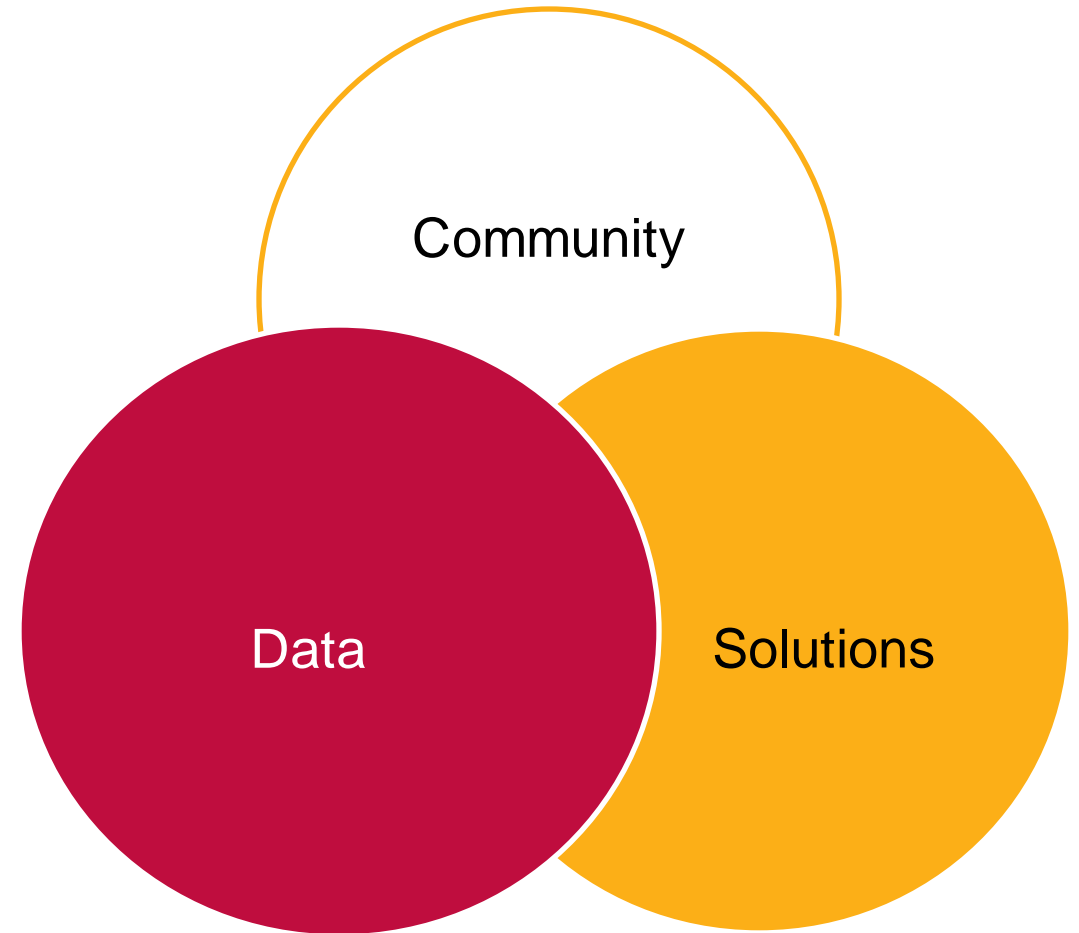


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ODTL Strategic Plan

1. Build Community with Local Education Agencies and solution experts
2. Gather Data / Measure Progress
3. Facilitate Technology Solutions and Resources



Updates

- Gathering practitioners, information sharing
 - Technology
 - Curriculum
- Proofs of Concept
- Summer conferences
- School visits



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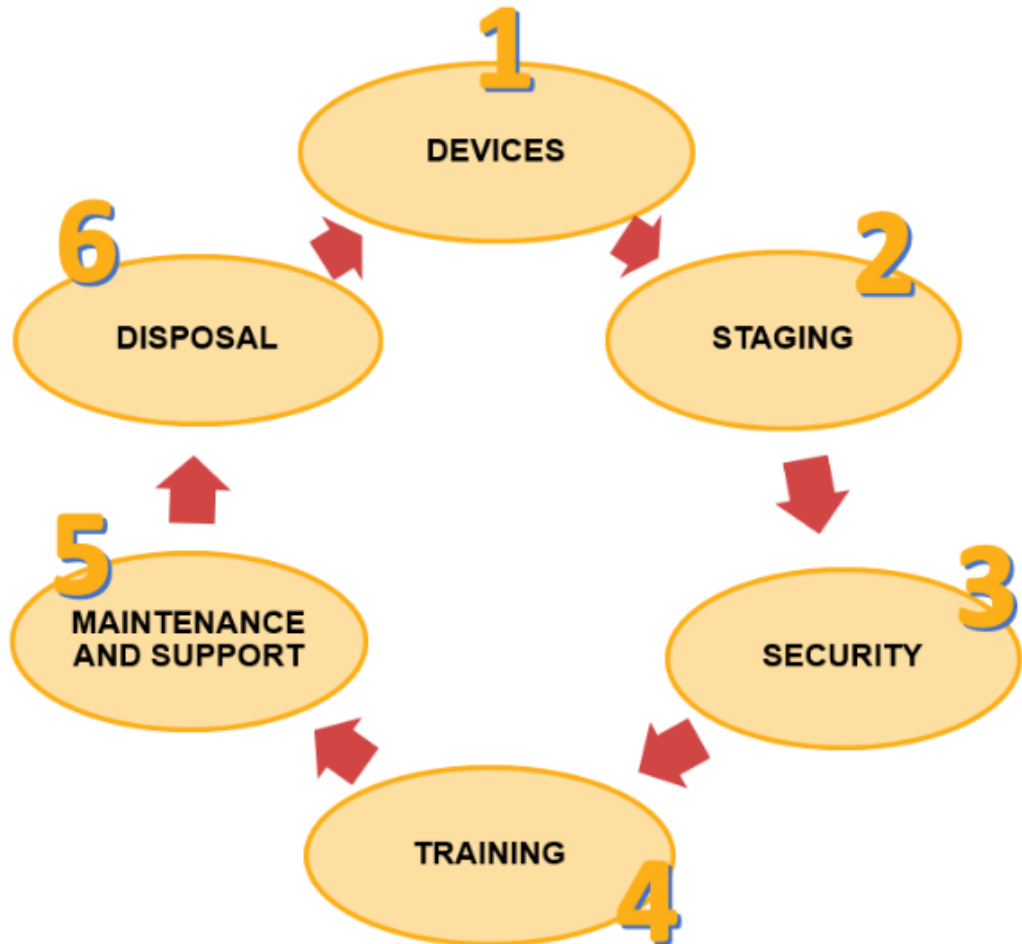
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Cooperative Purchasing Program



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Cooperative Purchasing Program



A suite of solutions that support the overall management of K12 digital devices (laptops, desktops, tablets).

- Windows & Chromebook devices
- Leverage economies of scale with state-wide contracts
- Services include white glove, cybersecurity protection, staging, damage protection and disposal
- Considers the Total Cost of Ownership (purchasing device and operating it)



Next step: Interest Form

- Understand device purchasing needs
- Capture interest in use of State procurement services for device purchases
- Capture interest in use of State provided services for devices
- Complete the Interest Form by Friday July 29th, 2022



Please select what types of technology and/or services you would be interested in receiving as part of the cooperative purchasing program?

We will ask you more specifics about the technology and services in the next pages.

Digital devices (laptops, desktops, tablets) ☐

White glove services for staging devices (asset tagging, enrollment or imaging of a device prior to shipping to your school) ☐

Service to add new devices into your existing inventory management tool (with your permission and access to your systems) ☐

Accidental damage protection (insurance to protect devices from accidental damages) ☐

Maintenance support (includes on-site break fixes or shipping devices for repairs) ☐

Disposal of older / broken devices ☐

Software for inventory management ☐

Others ☐

Back

Save and Next

Interest Form

Link to participate / show your interest:

https://azdoe.qualtrics.com/jfe/form/SV_dnimS1ccF2IVIHk

Complete by July 29, 2022



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The Trust MFA Group Purchasing Option



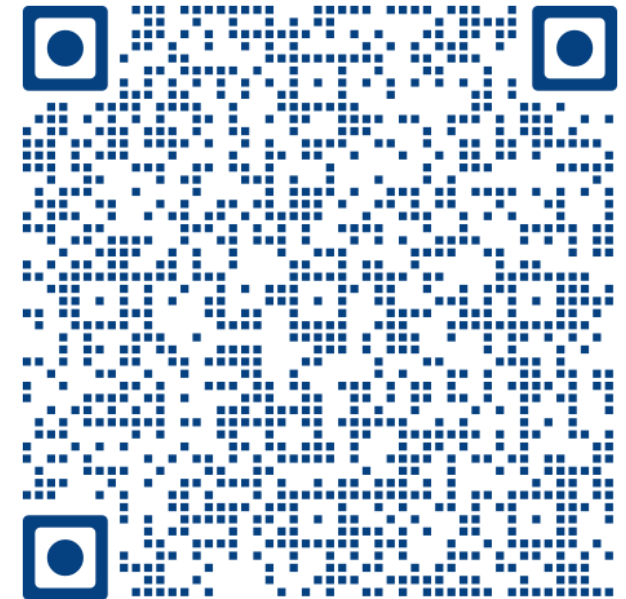


The Trust MFA Group Purchasing Option

Launching a multi-factor authentication (MFA) group purchasing option and support program available to all Trust members effective July 1, 2022.

FAQs available in this link:

<https://drive.google.com/file/d/1K8avgTQ6AHzMlKvca22WhZMQW8EW1PT7/view>



Cyber Discussions: In-house Phishing Awareness



Phishing Awareness Solution



Presented by : Nicholas Magann

In-House Phishing Awareness

Pros

- Phishing **reporter button** in users inbox.
- **Workflows** for reporting and handling phishing.
- **Custom** and **targeted** phishing scenarios.
- More **frequency** of scenarios yield better results.
- Track **historical data**
- Additional **training** resources

Cons

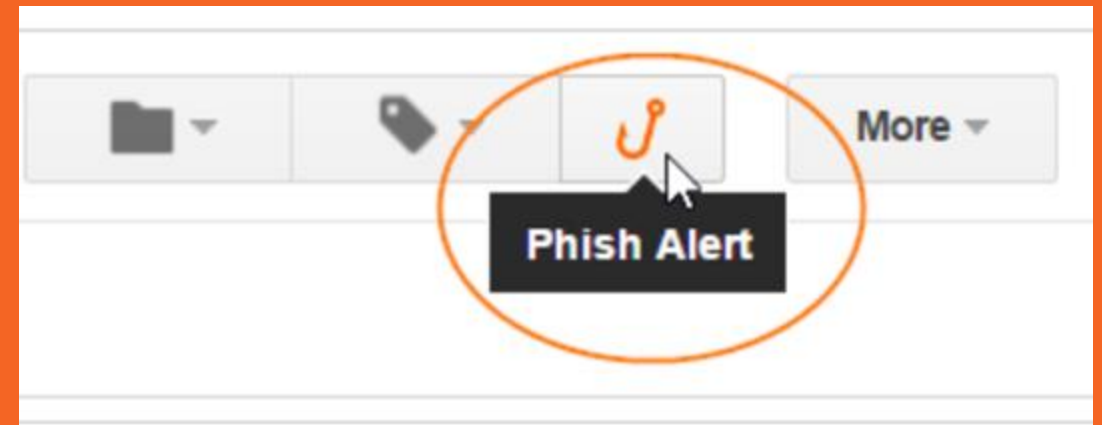
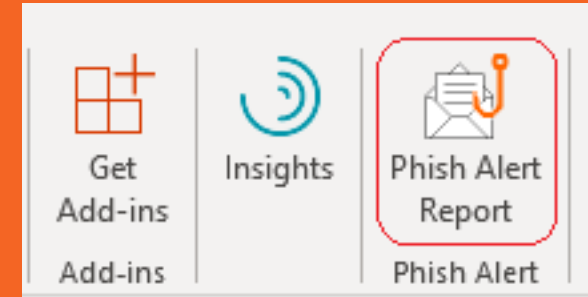
- More **duties** for an already short staffed IT department.
- No dedicated FTE to handle this **workload**.



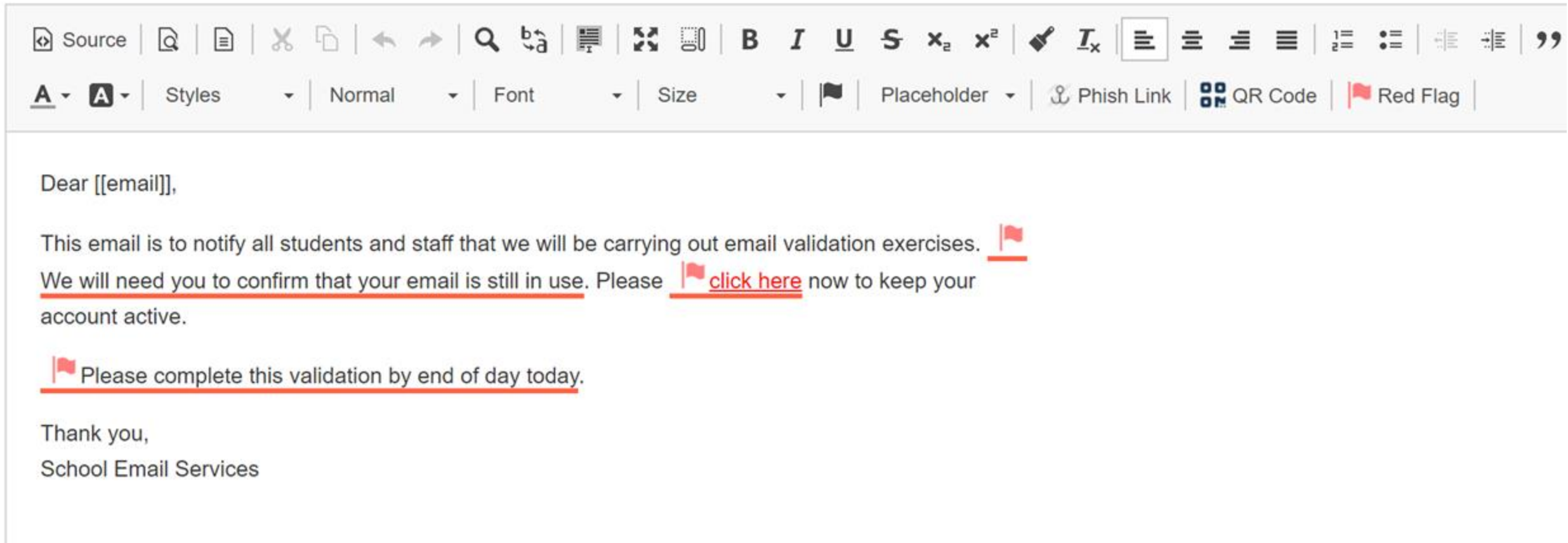
Phish Alert Button

In users inbox (Google/Outlook)
for reporting suspicious emails.

End users know exactly what to do
when they find a suspicious email and
the proper IT staff get notified. This help
battle the real threats that come into the
district.





Scenarios




The screenshot displays an email editor interface. At the top is a toolbar with various icons for editing, including Source, Undo, Redo, Cut, Copy, Paste, Find, and various text formatting options like Bold, Italic, Underline, Strikethrough, Subscript, and Superscript. Below the toolbar is a row of dropdown menus for Styles (Normal), Font, and Size, followed by a Placeholder dropdown and buttons for Phish Link, QR Code, and Red Flag. The main content area contains the following text:

Dear [[email]],

This email is to notify all students and staff that we will be carrying out email validation exercises. 

We will need you to confirm that your email is still in use. Please  [click here](#) now to keep your account active.

 Please complete this validation by end of day today.

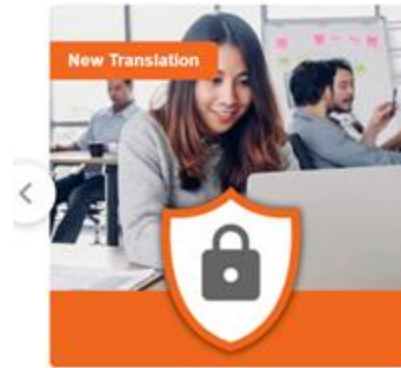
Thank you,
School Email Services

You can build custom scenarios or use the templates based on real world threats. Target the campaigns to entire district or specific departments. Also customize the on the spot training that happens if someone fails a scenario.

Training

Training comes after a failed scenario showing the red flags and additional support on how to spot future phishing. There are also training campaigns that you can build and deploy.

- Videos
- Games
- Assessments
- Modules
- Newsletters
- Posters



2022 Kevin Mitnick Security Awareness Training - 15 minutes
Training Module



Spot the Phish Game
Game



Security Snapshots #04 - Document Disposal
Video Module



The Inside Man: Season 3 Ep 01 - Getting In
Video Module



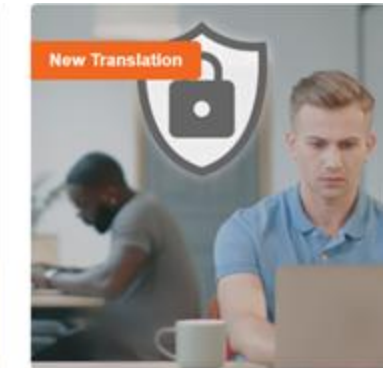
Security Awareness Proficiency Assessment
Assessment



Security Culture Survey (SCS)
Assessment

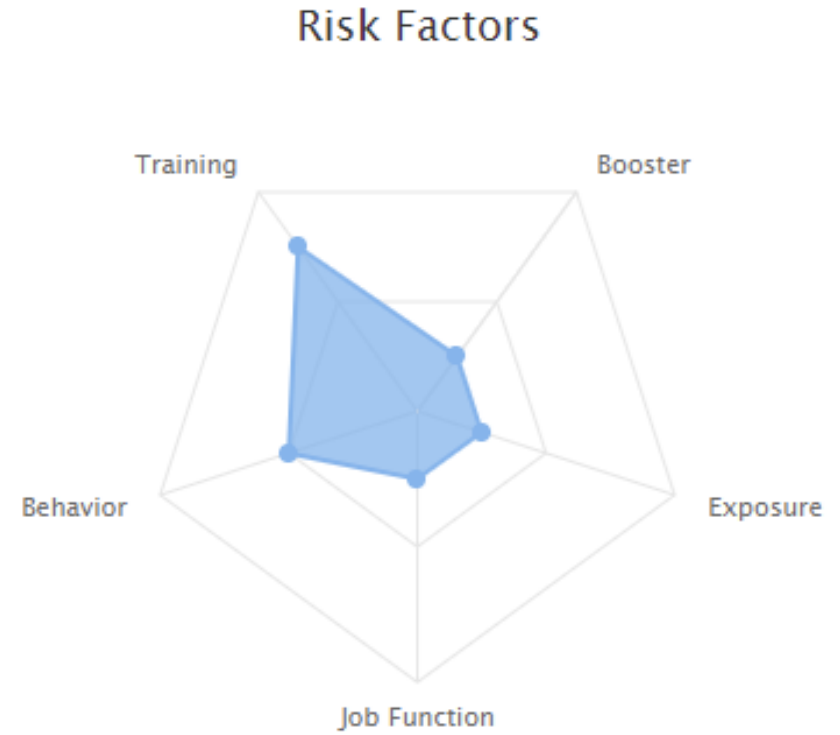
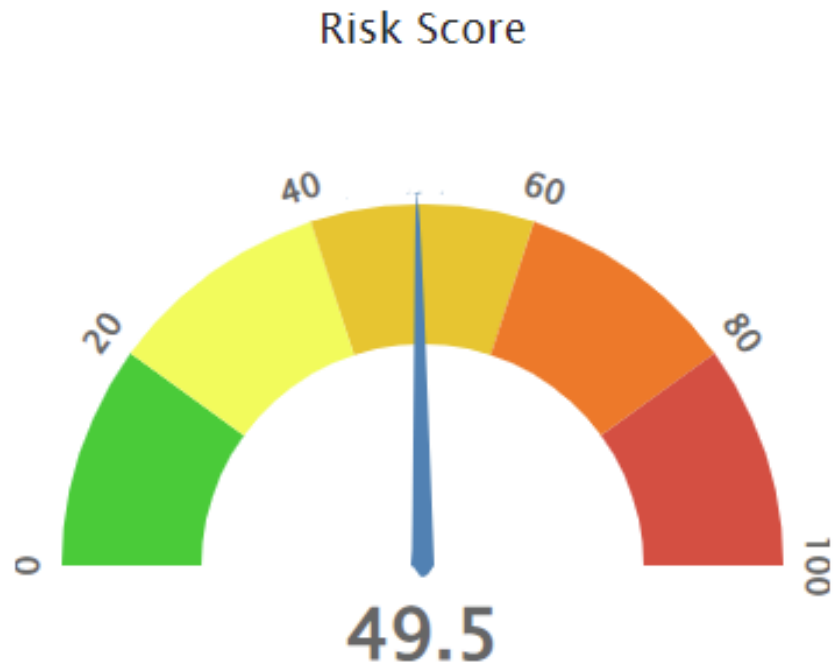


Phishing Foundations
Training Module



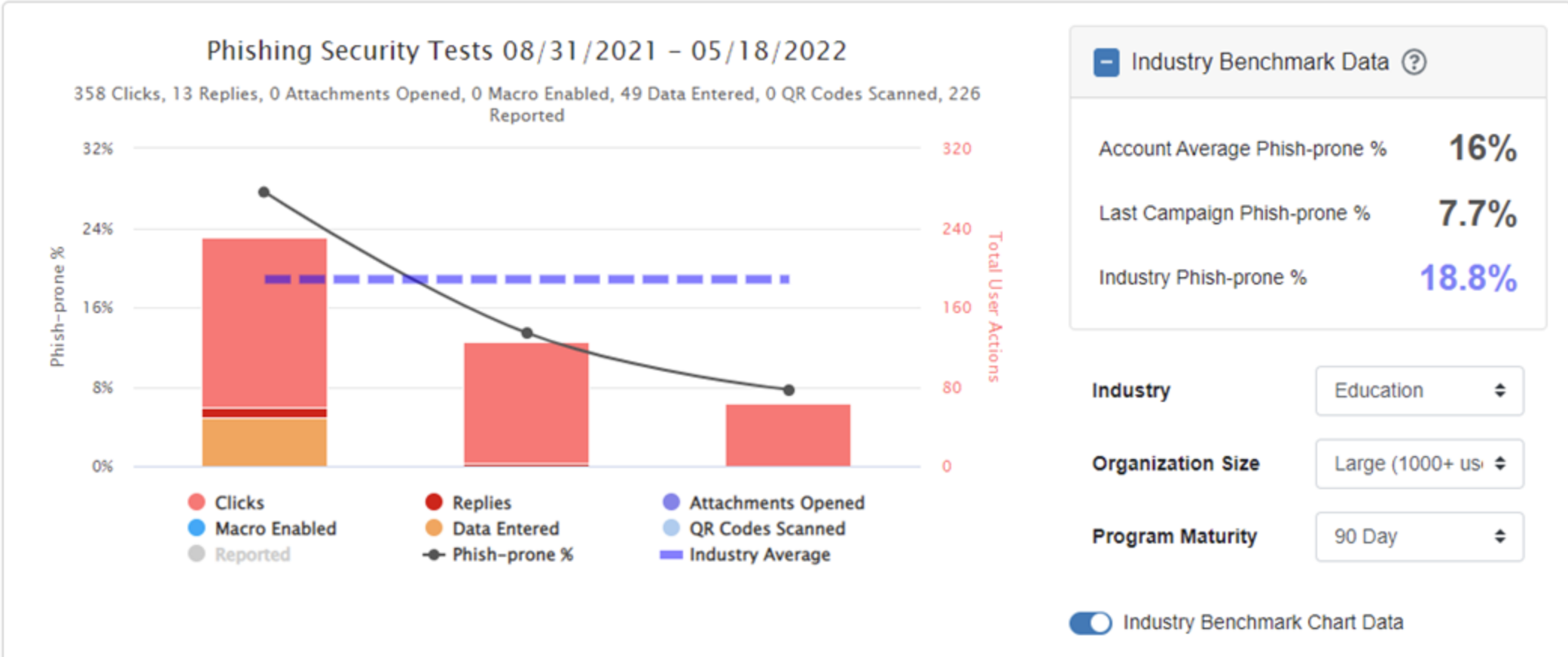
2022 Your Role: Internet Security and You
Training Module

Risk Score



A risk score is assigned to each users to help IT identify users higher at risk. Failed scenarios, accurate reporting, and completing training all affect the risk score.

Historical Data



With an in-house application it tracks and manages historical data for you and allows you build reports and analyze risk over time.

PhishER uses AI and automation to cut down the IT workload.

PhishER Workflow



* PhishER requires Exchange Online for Outlook users.

Additional Notes

- Vishing Campaigns
 - USB Campaigns
 - Designed Security Awareness Program
 - Custom designed program that outlines all tasks, campaigns, and training for the entire year.
 - Executive Summary
 - Reports for Analysing Data
 - Report cards (user or groups)
 - Phish-prone
 - Training completed
 - Suggest rolling out the reporter first, then introduce the training campaigns after users know how to use the reporter.
-

Things to keep in mind

- Be sure to portray the initiative as awareness and training for security measures.
 - DO NOT “point fingers” at those that fail.
 - Provide additional support where necessary.
 - Follow up and Follow through on threats.
-

Grant Program by the AZ Department of Homeland Security



The graphic features a dark teal background with a faint image of a person's hands typing on a keyboard. On the right side, there is a circular seal of the Arizona Department of Homeland Security, which includes the state flag and the words "ARIZONA DEPARTMENT OF HOMELAND SECURITY".

Cyber Resources for Local and Tribal Governments

- Anti-Phishing / Security Awareness Training (SAT)
- Advanced Endpoint Protection (AEP)
- Multi-Factor Authentication (MFA)
- Web Application Firewall (WAF)

Coming in FY23

- Asset Management and Remote Patching
- Security Assessments
- K-12 Education!

<https://aset.az.gov/programs/cyber-resources-local-and-tribal-governments>

- Phishing Awareness Training solutions like KnowBe4 are included in the Cyber Resources Grant Program with the AZ Department of Homeland Security
- Fill out the interest survey on the following website

<https://aset.az.gov/programs/cyber-resources-local-and-tribal-governments>

Nicholas Magann

Email: Nicholas.Magann@buhisd.org

Cell: 602-393-8342 (text or call)

Discussion: breakout rooms

What are the opportunities and barriers?
What are you using at your school/district?
Is this a worthwhile replacement?



Annotation time!

The Trust	Another 3 rd party	In-house Tool



Cyber Resources: Training

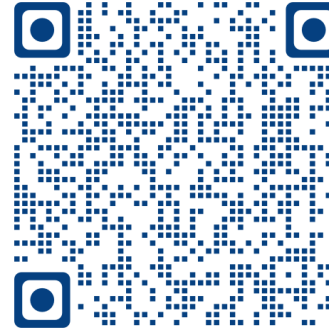


Training Options



[Chief Information Security Officer \(CISO\) Workshop - Security documentation | Microsoft Docs](#)

[Student Data Privacy | CoSN](#)



[Free Security Awareness Training, Phishing Simulation and Gamification \(wizer-training.com\)](#)



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K-Career Digital Skills Resources for Students and Educators

For Educators & Leaders

- [Microsoft Learn for Educators](#)
- [Microsoft Educator Center](#)
 - [Minecraft EDU Teacher Academy](#)
 - [Transform Learning with Microsoft Teams](#)
- [Microsoft Imagine Academy](#)
- [Digital Literacy Course](#)
- [Certification Volume Licensing Program for EDU*](#)

For Elementary Students

- [HackingSTEM Library*](#)
- [MakeCode](#)
- [Micro:Bit*](#)
- [Minecraft: Education Edition*](#)
- [Digital Literacy Course](#)

For Middle School + HS Students

- [MakeCode](#) + [HackingSTEM Library*](#)
- [Minecraft: Education Edition*](#)
- [Microsoft Imagine Academy*](#)
- [Digital Literacy Course](#)
- [Imagine Cup Jr.*](#) – AI Student Competition

For HIED Students

- [Microsoft Learn](#)
- [Microsoft Imagine Academy*](#)
- [Microsoft Certifications*](#):
 - [Cloud](#), [AI](#), [Data](#) & [Power Platform](#)
- [Imagine Cup](#) – AI Student Competition*
- [Digital Skills Resources for Students](#)
- [LinkedIn Learning Free Learning for Top Jobs](#)

**denotes offering that is designed to be provisioned or delivered by institution or educator offered to student at specified grade level. To deploy, reach out to your Microsoft account executive*

Training Needs

What training is needed for K12 IT staff?



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Knowledge and Sharing: IT Department Calendar Year Planning



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What do you use?

—



Announcements

Cyber Insurance Renewals

Cyber Resources Grant

AzTEA Ed Tech Ambassadors

ADE Summer Learning PD Opportunities



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LinkedIn

<https://www.linkedin.com/showcase/odtl>



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Technology Townhall June 2022

Townhall Meeting Repository

<https://www.azed.gov/technology/technology-townhall-meetings>



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Next meeting:

August 8, 2022

1:00-3:00pm MST

Kelly Krusee kelly.krusee@azed.gov
Karina Jones karina.jones@azed.gov

Russell Deneault rdeneault@creightonschools.org
Brittany Augustine brittany.augustine@azed.gov