

# Cypress-Fairbanks ISD Trusted Learning Environment

**April 17, 2018**



# Agenda

- Introductions
- Privacy and Security Concerns
- Data Privacy Training
- Trusted Learning Environment Seal
- Student Data Privacy Consortium
- District Focus



# Have you ever?

**TYPE THE YEAR  
YOU WERE  
BORN INTO THE  
GIF SEARCH  
AND POST SOMETHING  
POPULAR FROM THAT YEAR**

## **WHAT IS YOUR DRAGON NAME?**

- Last 2 letters of your first name
- + 2 middle letters of your last name
- + first 2 letters of your father's name
- + last 2 letters of your mother's name.



**Do these simple activities pose any security issues?**

# Privacy and Security Concerns



# Privacy and Security Concerns

- School System Leaders are Concerned
  - According to the results of the 2017 Consortium of School Networking (CoSN) Leadership Survey, **61%** of technology leaders identified **privacy and security as a primary concern.**
- Parents are Concerned
  - In the 2016 Future of Privacy Forum survey results, **84%** of parents are concerned that their **child's electronic education records could be hacked or stolen.**

61%

84%

# Privacy and Security Concerns

“If our student data is hacked, it *might just be a test score*, but it could also be their **Social Security number**, or their **disability information**,” she said. **“It can impact them for the rest of their lives.”**



Melissa Tebbenkamp,  
Director of Instructional Technology,  
Raytown School District

“The **first line of defense** in protecting student privacy are **our teachers**, and we’re not making sure that they have the tools to keep that data safe.”



Amelia Vance,  
Policy Counsel  
[Future of Privacy Forum](#)

# Data Privacy Training



# When requesting student information, districts should ask. . .

Does this data need to be collected to help students learn?

If yes, how is it going to be protected?





# Data Privacy Training Needed

- Schools should target common missteps
  - Password education

Password Challenge	
1. In the US, the average email is associated with how many accounts?	130
2. Percent of Americans that have been the victims of online crimes due to their accounts being hacked.	75%
3. Which of the following is the most popular password type? pet's name      child's name      word 'password'	Pet's name
4. Percent of people who have shared their password with another.	48%

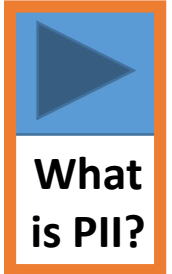
# Data Privacy Training Needed

- Schools should target common missteps
  - Working with sensitive information on an unsecured Wi-Fi network.



# Data Privacy Training Needed

- Ensure every teacher knows the basics of privacy laws
  - [Children's Online Privacy Protection Act](#),
    - Requires parental consent for any web service collecting “personally identifiable information” of children under 13, including photographs and voice recordings.
- Train teachers to inform parents about what student information their classroom technology will use and



## Background

Enforced by the Federal Trade Commission since 2000 to give parents control over information collected from young children online

## Applies To

Operators of websites, online services and mobile applications

## Key Provision

COPPA assures that children under 13 years of age do not share personal information on the Internet without the express approval of their parents.

## Additional Info

COPPA rules were amended in 2013. The amendments, among other things, expand the definition of personal information, require data deletion and retention procedures, and clarify the direct notification requirements to parents.

# Trusted Learning Environment Seal and Student Data Privacy Consortium



# Trusted Learning Environment Seal (TLE) Developed

- July, 2015 – Characteristics of a Trusted Learning Environment identified by 28 diverse school system from across the country.
- September, 2015 – CoSN asked 50 technology leaders to validate the identified Trusted Learning Environment practices in 5 areas.
- The TLE Seal is the **only** data privacy seal for school systems, focused on building a culture of trust and transparency.
- Currently 15 districts have received the TLE seal.



# TLE Seal Practices

**Leadership:** manage and collaborate with stakeholders regarding the use and governance of student data to inform instruction

**Classroom:** implement educational procedures and processes to ensure transparency while advancing curricular goals

**Data Security:** perform regular audits of data privacy and security practices and publicly detail these measures

**Business:** establish acquisition vetting processes and contracts that, at minimum, address applicable compliance laws while supporting innovation

**Professional Development:** requires school staff to conduct privacy and security training and offer the instruction to all stakeholders



# Student Data Privacy Consortium

- Multiple states, have joined the [Student Data Privacy Consortium](#) including Texas.
- States require similar contractual privacy protections from their software vendors.
- Consortium maintains a [searchable database](#) of ed-tech software used by partner districts, including the specific types of data being collected and stored.



# District Focus





# Cypress-Fairbanks ISD Initiatives

- Cybersecurity Specialist – James Costello
- Customer Care Center partnered with Cybersecurity team – Eric Pina
- Texas Student Data Privacy Alliance Consortium Member.
- Active in state initiatives with Student Data Privacy and Trusted Learning Environment groups
- Working with federal government initiatives - InfraGard and MS-ISAC



# Cypress-Fairbanks ISD Initiatives

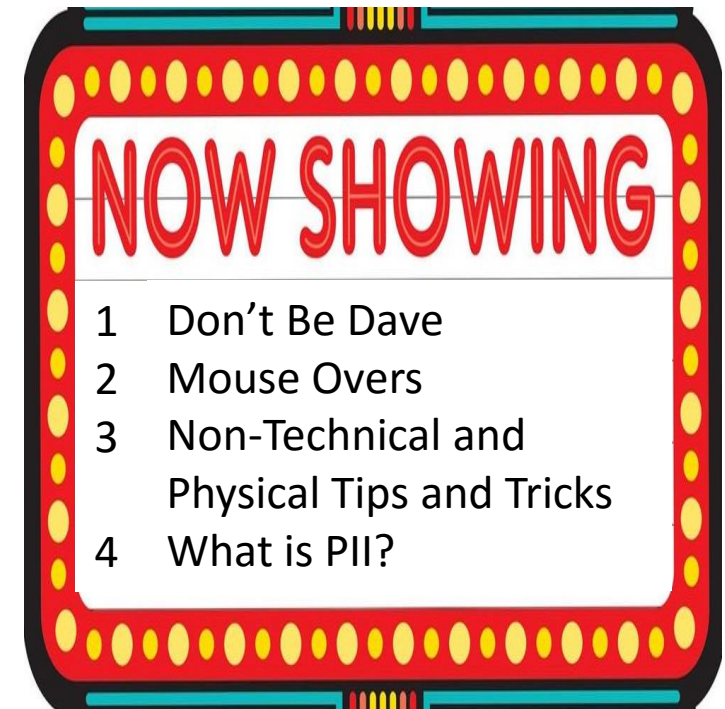
- CFISD Data Privacy Agreement created.
- CFISD Data Privacy Agreement distributed to district software vendors.
- Information presented to Curriculum Coordinators, Instructional Technology Specialists, and Librarians.
- Evidence gathered to apply for the Trusted Learning Environment Seal in April, 2018.
- KnowBe4 Training and Phishing software has been purchased and implemented and training campaigns have been distributed to key customers.



# KnowBe4 Training Initiatives



- Training modules, videos, handouts evaluated
- Training Campaigns distributed to the following teams
  - Technology
  - Instructional Technology
  - Administrative Locations
  - Media Specialist/Librarian Team
  - Instructional Committee
- [Videos](#) added to the website
- [Handouts](#) added to the website
- Evaluating the best time to begin campus training campaigns
- Suggestions?



# KnowBe4 Training

- Employee receives an email invitation to participate in training

To start with KnowBe4 enter your email address below

Email:

JENNIFER.MILLER@cfsd.net


- Employee logs in with email address
- Employee logs in with network credentials
- Employee accesses the KnowBe4 application


RapidIdentity

**CYPRESS FAIRBANKS**  
INDEPENDENT SCHOOL DISTRICT  
LEARN • EMPOWER • ACHIEVE • DREAM

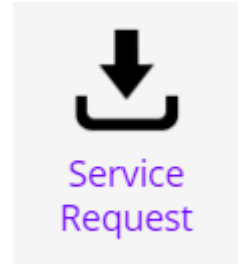
Login [Need help?](#)

Username

Password  

Go 

# Software Vetting Process Requests - iSupport



- Changes have been made to the iSupport request form to enable applicable data to be gathered

- Cost and responsibility (campus or curriculum)
- Grade level and content application
- Media release requirement
- TEKS addressed
- Instructional vision for utilization
- Common Core alignment – verifying not applicable
- Student login requirement
- Student data elements shared in software/application

Category Select

- ▾
- 
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iSUPPORT

# Cypress-Fairbanks TLE Timeline

Task	Start	Finish	Status
Form state-wide leadership advisory focus group	07/01/17	08/02/17	Completed
Review the requirements and process	08/01/17	08/25/17	Completed
Introduce TLE to Internet Content Filtering Management Governance Committee	11/02/17	11/02/17	Completed
Gather and create artifacts and evidence	11/06/17	02/28/18	Ongoing
Develop or modify artifacts and evidence to mitigate gaps in compliance requirements	01/01/18	02/28/18	Ongoing
Steve Smith assistance gaps in compliance	12/18/18	02/18/18	Ongoing
Present Information to District Support Team (DST)	02/08/18	02/08/18	Completed
Identify and mitigate gaps in compliance	12/18/18	04/30/18	Ongoing
Steve Smith on site workshop	02/19/18	02/19/18	Completed
Share with Instructional Technology Specialists	02/26/18	02/26/18	Completed
Share with Curriculum Coordinators	2/27/2018	3/7/2018	Completed
Share with Media Specialists/Librarians	3/29/2018	3/29/2018	Completed
Share with Principal Cluster Rep meeting	TBD		
Share with Curriculum and Instruction ITS, and Curriculum Coaches	TBD		
Complete TLE Application Process	04/26/18	04/30/18	Planned
Share with Campus Level Roundtable Discussions	TBD		
Provide any required corrections	05/02/18	05/30/18	Planned
Share with District Leadership Team Meeting	TBD		
Share with Campus Teams - Assistant Principals, Tech. Liaisons, CIC, CCIS, IS, and DCs	TBD		
Share with Teachers	TBD		
Share with Parents	TBD		

# Website Updates

- [www.cfisd-technologyservices.net](http://www.cfisd-technologyservices.net)
  - Teams
    - Cybersecurity



Student Data Privacy



Cyber Security Current Events



Cyber Security Awareness

- Cyber Security Awareness



TLE Overview



Application Approval Process

# Questions?





# Resources

- <http://hechingerreport.org/how-can-schools-protect-student-data-without-training-teachers-in-privacy-basics/>

Amelia Vance, Policy Counsel, [Future of Privacy Forum](#)

Bill Fitzgerald,  
Privacy Initiative Director, Common Sense Education