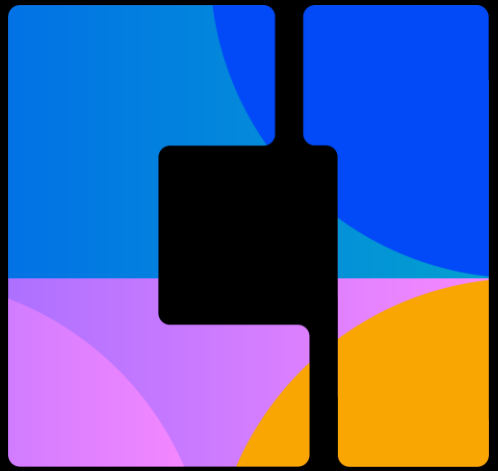
K-12 Under Attack: AI, Deepfakes, and the New Rules of Cyber Defense

HASSAN KASSIH, SVP C1 CAPABILITIES, C1



© Copyright. Private and confidential.


REAL
FAKE

Gibbon Public Schools warns of phone scam targeting school families

Central Nebraska Today
Gibbon Public Schools
Sep 24, 2026 | 2:23 PM



Gibbon Public Schools (Brian Neben, Central Nebraska Today)

GIBBON — Gibbon Public Schools want to make you aware of reports of a phone scam that has recently impacted several Nebraska school districts.

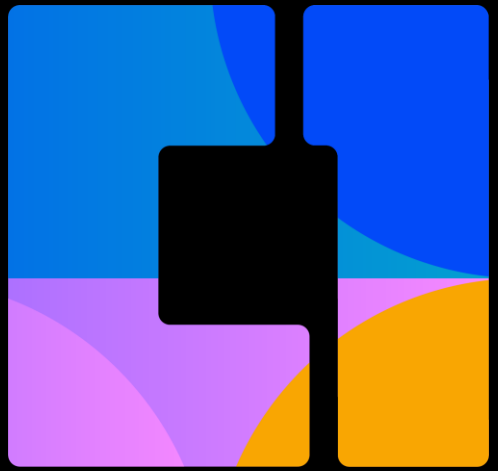
While this type of scam has surfaced periodically in previous years, recent reports serve as a reminder that schools should remain vigilant and consider creating communications to inform families.

In these incidents, a parent receives a call from an unknown number. The caller falsely claims to be a school employee, often identifying themselves as a counselor or other staff member, and says that the parent's child is in trouble or involved in an emergency situation. The caller then attempts to direct the parent to meet at a location to pick up their child and may instruct them not to disconnect the call or discuss it with anyone else.

These calls are fraudulent and should not be trusted.

K-12 Under Attack: AI, Deepfakes, and the New Rules of Cyber Defense

HASSAN KASSIH, SVP C1 CAPABILITIES, C1



© Copyright. Private and confidential.

Education

California state testing data breach may impact millions of students, officials say

By Tim Fang

October 20, 2026 / 8:49 AM PDT / CBS San Francisco

Add CBS News on Google

Information involving millions of students across California may be compromised following a data breach that involved a testing company, state education officials said.

The California Department of Education (CDE) on Friday disclosed the breach involving the Educational Testing Service (ETS), which is under contract to provide state and federally required testing to all students enrolled in the state's public schools.

OCTOBER 2026 • CALIFORNIA • CONFIRMED INCIDENT

An entire state's student data — through one vendor

Educational Testing Service (ETS) | California Department of Education

ALL STUDENTS

enrolled across the prior 3 school years

Records accessed and copied, per CDE

2023–24 • 2024–25 • 2025–26

Also includes some former students dating back to 2006

WHAT WAS COPIED

Names • Dates of birth • Addresses • Schools • Student IDs • Disability / program status • Assessment records

Important: exact unique-person count not published; fields varied by student. No SSNs, financial accounts or parent/guardian data reported.

SOURCE California Department of Education, ETS Incident FAQ & October 16 notice | cde.ca.gov/nr/in/ets-incident.asp

Cyberattack hits Canvas system used by thousands of schools as finals loom



People take photos near a John Harvard statue, left, on the Harvard University campus, Jan. 2, 2024, in Cambridge, Mass. (AP Photo/Steven Senne, File) License this photo



BY HEATHER HOLLINGSWORTH
Updated 8:19 PM PST, May 7, 2026

Add AP News on Google Share 23

© Copyright 2025. Private and confidential.

Trio used AI to impersonate corporate execs, defrauding companies of nearly $130 million: DOJ

They face conspiracy, money laundering and other charges.



Headlines from ABC News Live Catch up on the developing stories making headlines.

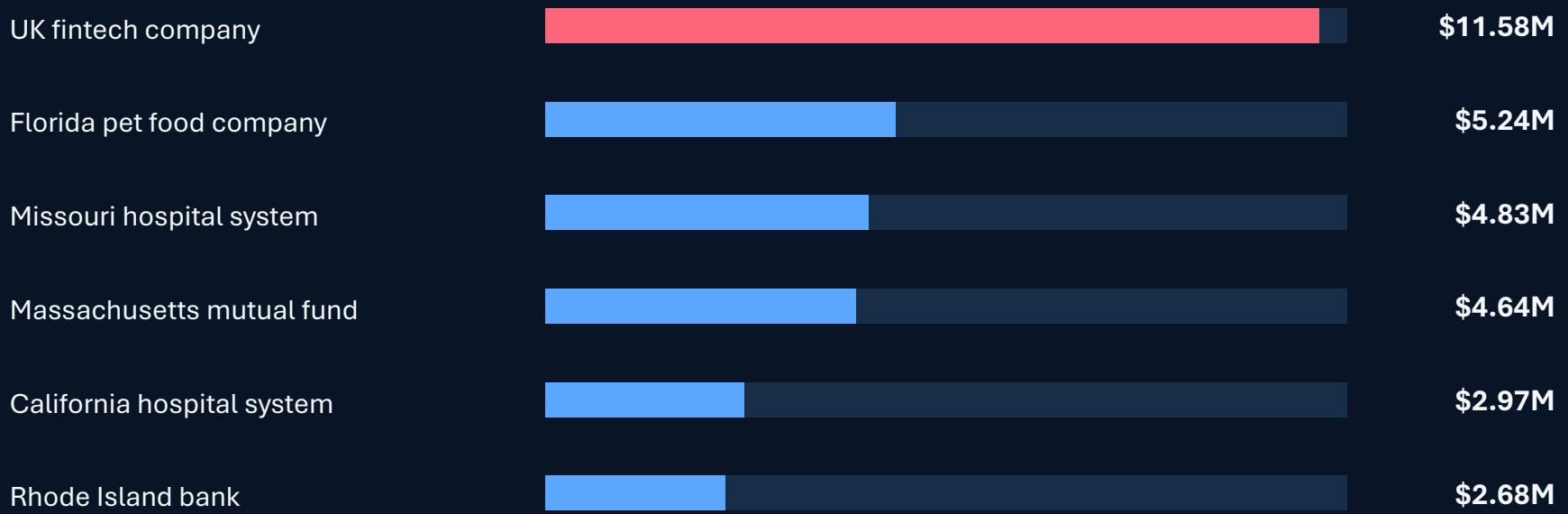
By Aaron Katersky
November 5, 2026, 4:38 PM

Share

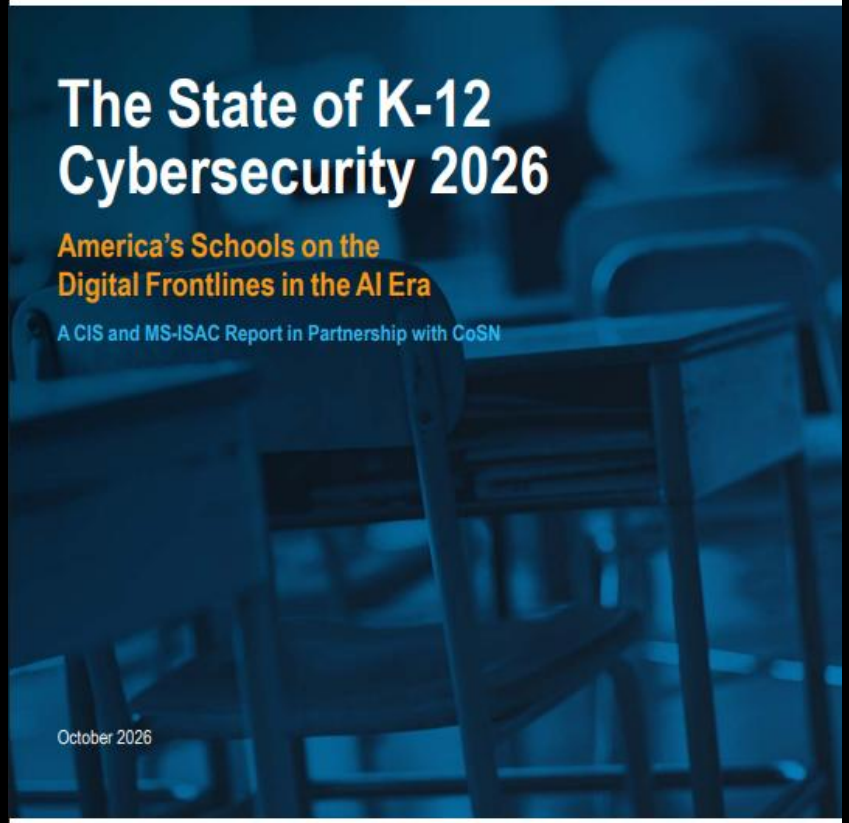
Three people face charges alleging they schemed to use artificial intelligence to

Millions lost across industries

Six examples named in the indictment, among other alleged victims



Source: ABC News, Nov. 5, 2026, reporting on DOJ indictment. Allegations are unproven.



The State of K-12 Cybersecurity 2026

America's Schools on the Digital Frontlines in the AI Era

A CIS and MS-ISAC Report in Partnership with CoSN

October 2026

The readiness gap is the real risk

Cyber incidents are already disrupting schools. AI governance and response practice have not caught up.

51%

experienced a cyber incident

within the past 12 months

33%

have formal AI policies

despite rapid AI adoption

15%

regularly exercise response plans

a critical preparedness gap

THE PRIORITY FOR DISTRICT LEADERS

Verify identities • Govern AI use • Rehearse cyber response

Source: CIS / MS-ISAC / CoSN, The State of K-12 Cybersecurity 2026 (Oct. 27, 2026). Survey: 426 K–12 technology/security leaders. Figures reflect survey respondents, not all U.S. schools.

26-27 Registration Packet - English

- 26-27 Parent Notification Media Release-Acceptable Use-Publishing
- 26-27 New Student Registration
- 26-27 Health History Form
- 26-27 Student Housing Questionnaire
- 26-27 CA Immunization Requirements
- 26-27 (TK and Kindergarten only) Oral Health Assessment Form
- 26-27 Home Language Survey
- 26-27 Establishing Proof of Residency
- 26-27 Emergency Card
- 26-27 Opt Out Non Release of Directory Info

ht 2025. Private and confidential

Los Angeles Unified School District
Student Emergency Information Form

Parent Information: Please fill out completely and sign where indicated. In a major emergency, it is school district policy to retain students at school for their safety. This form will be used by the school staff when students are released to go home. Please complete electronically or print clearly and return completed form to school.

STUDENT'S LAST NAME	FIRST NAME	M.I.

BIRTH DATE	☐ MALE ☐ FEMALE	GRADE	HOME LANGUAGE

STUDENT'S HOME ADDRESS -- NUMBER	STREET	APT #	CITY	ZIP CODE
MAILING ADDRESS -- NUMBER (IF DIFFERENT FROM ABOVE)	STREET	APT #	CITY	ZIP CODE

PARENT'S / LEGAL GUARDIAN'S LAST NAME	FIRST NAME	RELATIONSHIP TO STUDENT	LIVES WITH?
			☐ Yes ☐ No
WORK ADDRESS -- NUMBER	STREET	CITY	ZIP CODE

CONTACT NUMBERS		Indicate which phone to call for each message type:*				EMAIL ADDRESS:
HOME		EMERGENCY	☐ Home	☐ Cell	☐ Work	
CELL		ATTENDANCE	☐ Home	☐ Cell	☐ Work	
WORK		GENERAL INFO	☐ Home	☐ Cell	☐ Work	
TEXT		☐ I authorize receiving text messages and understand that I am responsible for all text related charges.				

PARENT'S / LEGAL GUARDIAN'S LAST NAME	FIRST NAME	RELATIONSHIP TO STUDENT	LIVES WITH?
			☐ Yes ☐ No
WORK ADDRESS -- NUMBER	STREET	CITY	ZIP CODE

CONTACT NUMBERS		Indicate which phone to call for each message type:*				EMAIL ADDRESS:
HOME		EMERGENCY	☐ Home	☐ Cell	☐ Work	
CELL		ATTENDANCE	☐ Home	☐ Cell	☐ Work	
WORK		GENERAL INFO	☐ Home	☐ Cell	☐ Work	
TEXT		☐ I authorize receiving text messages and understand that I am responsible for all text related charges.				

To the principal: In case you are unable to reach me during any emergency, you are authorized to contact and, if necessary, release my child to any of the following:

NAME	RELATIONSHIP	HOME PHONE	CELL PHONE	WORK PHONE
NAME	RELATIONSHIP	HOME PHONE	CELL PHONE	WORK PHONE
NAME	RELATIONSHIP	HOME PHONE	CELL PHONE	WORK PHONE

List any other family members attending this school:

LAST NAME	FIRST NAME	HOME ROOM	GRADE	RELATIONSHIP
LAST NAME	FIRST NAME	HOME ROOM	GRADE	RELATIONSHIP

MILITARY CONNECTED FAMILY: In efforts to provide resources and support to military connected students and their families, please respond to the following:	Immediate family member in the military (Active Duty, Guard, Reserve, or Veteran): ☐YES ☐NO Relationship to Student:	Currently Deployed: ☐YES ☐NO Military Branch: Status: ☐Active Duty; ☐Guard; ☐Reserve; ☐Veteran; ☐Deceased

AUTHORIZATION FOR EMERGENCY MEDICAL TREATMENT

The undersigned, as parent/legal guardian of, _____ a minor,
(Print name of the student here)

hereby authorizes the principal or designee, into whose care the student has been entrusted, to consent to any X-ray examination, anesthetic, medical or surgical diagnosis, treatment, and/or hospital care to be rendered to the student upon the advice of any licensed physician and/or dentist. It is understood that this authorization is given in advance of any required diagnosis, treatment, or hospital care and provides authority and power to the Los Angeles Unified School District ("District") to give specific consent to any and all such diagnosis, treatment, or hospital care which a licensed physician or dentist may deem necessary. This authorization is given in accordance with Section 49407 of the California Education Code, and shall remain effective until revoked in writing and delivered to the District. I understand that the District, its officers and its employees assume no liability of any nature in relation to the transportation of the student. I further understand that all costs of paramedic transportation, hospitalization, and any examination, X-ray, or treatment provided in relation to this authorization shall be my sole responsibility as the student's parent/guardian.

HEALTH ALERTS -- ***List any medical condition which restricts physical activity or requires special attention. Include conditions such as asthma and allergies such as peanut and bee stings. If none, please indicate "none".***

DOES THE STUDENT HAVE HEALTH INSURANCE? (Check One) ☐ YES ☐ NO* **If "Yes":** ☐ Private Health Insurance ☐ Medi-Cal ☐ Healthy Families

MEDI-CAL / HEALTHY FAMILIES ID Number:

1. PRIVATE HEALTH INSURANCE NAME	GROUP NO.	2. PRIVATE HEALTH INSURANCE NAME (If covered under more than one plan)	GROUP NO.

NAME OF DOCTOR / MEDICAL OFFICE	PHONE NUMBER OF DOCTOR / MEDICAL OFFICE

*If the student currently does not have health insurance, information on free or low-cost health care programs is available by calling the District's toll-free HELPLINE 1(866)742-2273.

MY CHILD IS ALLERGIC TO THE FOLLOWING MEDICATIONS:	
MY CHILD CURRENTLY TAKES THE FOLLOWING MEDICATIONS:	

I CERTIFY THAT I HAVE READ AND UNDERSTOOD THIS FORM AND DO HEREBY GIVE MY AUTHORIZATION FOR EMERGENCY MEDICAL TREATMENT, AND THAT ALL OF THE INFORMATION I HAVE PROVIDED ON THIS FORM IS TRUE AND CORRECT.

X _____ DATE

SIGNATURE OF: (CHECK ONE) ☐ PARENT ☐ LEGAL GUARDIAN CAREGIVER (AFFIDAVIT)

* Selected telephone number must be a direct dial number (no extensions).

Revised January 2014

STUDENT'S LAST NAME | FIRST NAME | MIDDLE INITIAL

© Copyright 2025. Private and confidential

Seven Opportunities to Stop an AI-Powered Attack

Risk-based Automation defense • Machine-speed automation • K-12

Attackers operate 24/7.

Our defenses must respond before the next business day.

The Seven Defensive Opportunities

Seven intervention points, not a rigid attack sequence

1. Reconnaissance
2. Initial access
3. Execution
4. Persistence
5. Privilege escalation
6. Lateral movement
7. Data exfiltration

The Risk-Based Automation Maturity Model

Use the same LOW / MEDIUM / HIGH definitions across every opportunity

LOW | ALERT

Detect and alert.

Human investigates and responds.

MEDIUM | INVESTIGATE

Correlate, enrich, prioritize, and recommend.

Human approves disruptive action.

HIGH | RESPOND

Automatically contain high-confidence threats using approved, reversible policies.

1. Reconnaissance

Attackers probe public IPs, VPNs, and web applications.

LOW | ALERT

Detect port scans and send firewall / IDS alerts.

MEDIUM | INVESTIGATE

Correlate logs, check source reputation, identify targeted assets, create incident.

HIGH | RESPOND

Rate-limit or temporarily block high-confidence malicious scanning.

2. Initial Access

Phishing, stolen credentials, or exploitation.

LOW | ALERT

Alert on suspicious email, login, or exploit attempt.

MEDIUM | INVESTIGATE

Correlate phishing, identity risk, and device telemetry.

HIGH | RESPOND

Quarantine phishing, block risky sign-ins, revoke compromised sessions.

3. Execution

Malware, ransomware, or malicious commands run.

LOW | ALERT

Alert on suspicious processes and scripts.

MEDIUM | INVESTIGATE

Investigate process trees, file reputation, and endpoint signals.

HIGH | RESPOND

Kill malicious processes, quarantine files, or isolate endpoint.

4. Persistence

Attacker establishes recurring access.

LOW | ALERT

Alert on suspicious services, scheduled tasks, or app grants.

MEDIUM | INVESTIGATE

Investigate changes and correlate with compromise evidence.

HIGH | RESPOND

Remove confirmed malicious tasks / grants and contain affected host.

5. Privilege Escalation

Attacker seeks administrator permissions.

LOW | ALERT

Alert on suspicious privilege changes and credential abuse.

MEDIUM | INVESTIGATE

Correlate abnormal authentication and role changes.

HIGH | RESPOND

Revoke sessions or restrict confirmed compromised privileged accounts.

6. Lateral Movement

Attacker spreads to other systems.

LOW | ALERT

Alert on suspicious RDP, SMB, and remote access.

MEDIUM | INVESTIGATE

Correlate endpoint + identity activity and identify affected systems.

HIGH | RESPOND

Isolate compromised endpoint or apply network quarantine.

7. Exfiltration

Attacker steals records or encrypts systems.

LOW | ALERT

Alert on unusual data transfers and ransomware behavior.

MEDIUM | INVESTIGATE

Correlate data access, identity, and endpoint events.

HIGH | RESPOND

Block prohibited transfers, isolate hosts, stop malicious processes.

Risk-Based Automation: Decide What to Automate

Automation maturity is not the same as risk severity

1. Asset criticality: student records, identity, finance, backups
2. Threat confidence: how certain is the detection?
3. Response impact: could containment disrupt teaching or safety?
4. Reversibility: can the action be rolled back quickly?
5. Oversight: who reviews automated actions 24/7?

C1 K-12 Solutions by the Numbers

8M+ Students
Supported at 600+ K-12 Districts

4 K-12 C-Level
C1 Specialists

300+ Personnel
PubSec Sales & Technical

3M+ Devices
Serviced or Provisioned

300K+ Devices
Supported Annually

CA Licensing
C-7, C-10, CSLB, DIR



2027 C1 CAPABILITIES

CX

CUSTOMER ENGAGEMENT

COLLABORATION & COMMUNICATIONS

DIGITAL WORKPLACE

IX

ENTERPRISE NETWORKING

MODERN INFRASTRUCTURE

INFRASTRUCTURE INTELLIGENCE

SX

CYBER SECURITY

PHYSICAL SECURITY

COMMUNICATIONS SECURITY

AVAYA · CISCO · DELL · Extreme networks · GENESYS · HPE · paloalto NETWORKS · zoom

Resell • Advisory Services • Lifecycle Services • Professional Services • C1Advantage • C1CX Hosting

Education • State & Local Gov • Healthcare • Finance • Manufacturing

© Copyright. Private and confidential.

IT LifeCycle Services

Secure, Consistent, Depot Services



Procurement and Warehousing

- Secure inventory & storage
- 80,000 S.F. warehouse space in California, New Jersey, Minnesota

Depot/LAB Configuration

- Configuration
- Remote Access
- Asset tagging
- Laser Etching
- Kitting

Onsite Deployment

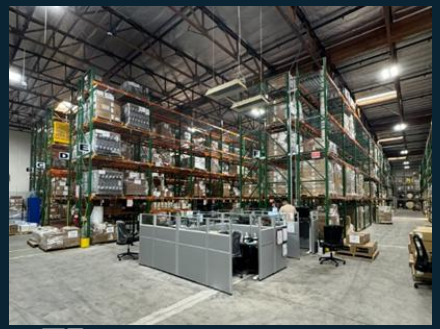
- Onsite user installation and migration

Retrieval and Redeployment

- Re-Inventory
- Asset disposition/e-wasting
- Re-inventory and cycling

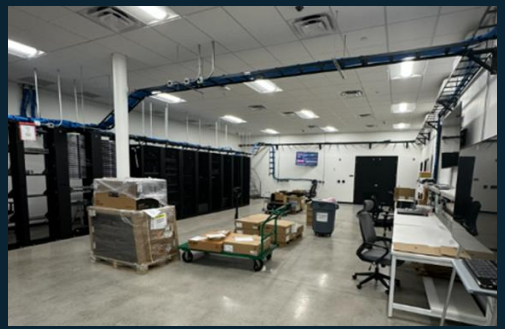
Repair and Warranty Servicing

- In Warranty repairs
- Out of Warranty repairs
- Seamless RMA processing



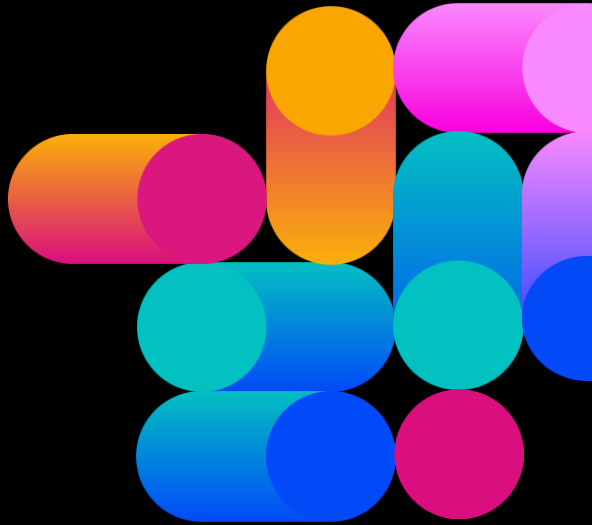






© Copyright 2026. Private and confidential.

THANK YOU



© Copyright 2025. Private and confidential.