



“Phishing is a major problem because there really is no patch for human error”



san diego county office of
EDUCATION
FUTURE WITHOUT BOUNDARIES™



Vision: Proactive Protection and Education to Safeguard Data Privacy and Integrity

Mission: The mission of the SDCOE Cybersecurity team is to empower SDCOE, supported districts, and k-12 schools to strengthen their information security systems and processes by sharing the latest cybersecurity best practices, cultivated through collaboration with a variety of industry and government institutions.

Objectives:

- Provide opportunities for all individuals within the San Diego County Office of Education ecosystem to be empowered with the knowledge to protect the data and data privacy of themselves and those that they serve.
- Develop and implement tactical processes and procedures to protect the technical infrastructure of SDCOE and participating audiences at all levels countywide.

Parameters:





- Content will be current with cybersecurity best practices.
- We will not initiate or retain any product or service unless it contributes to achieving our mission and objectives.

We Believe That ...

- The protection of student and staff data is the focus of our efforts.
- Education is the key to effectively counteract the actions of those who wish to access our data.

Core Strategies:

- We will lead, develop and implement cybersecurity and data privacy initiatives among staff and students across the county.
- We will nurture, support, and develop cybersecurity advocates at all levels countywide.
- We will advocate for cybersecurity and data privacy practices among staff and students across the county.

| AVAILABLE PRODUCTS AND SERVICES | |
|---|--|
| PRODUCT/SERVICE | DESCRIPTION |
| AWARENESS  | |
| Monthly Themed Flyers and Articles | Easy-to-Read, Eye Catching flyers and Articles, that can be used each month to communicate tips about security and privacy. |
| Live Presentation and Demo: Data Security | A one hour presentation which includes a real-time hacking that provides not only a powerful message on the importance of security, but does so leveraging quick tips and interactive participation between presenters and the audience. |
| Live Presentation: Data Privacy | A 1.5 hour presentation on the latest (student) data privacy risks and protective measures that can be taken in an ever evolving data-driven world. |
| Live Presentation: Social Media Safety | A 1 hour presentation which provides an overview of the risks related to the use of Social Media and how both children and adults can take steps to protect themselves while using the latest applications. |
| PROCEDURES  | |
| General and Technical | Leverage the same procedures which are in use by SDCOE not entirely with your own school or district by leveraging these templates as a starting point towards security/privacy compliance and best practices. |
| General Audience Procedures | <ul style="list-style-type: none"> • Anti-Virus • Bring Your Own Device • Clean Desk • End User Phishing • FERPA Compliance • ID and Secure Personally Identifiable Information (PII) • Minimum Access • Mobile Device • Passwords • Removable Media • Social Engineering • Social Networking • Software Installation (with & without) Admin Rights • Travel Security • Wireless Infrastructure • Workstation Security |
| Technical Audience Procedures | <ul style="list-style-type: none"> • Acceptable Use of Technology • Acceptable Encryption • PCI-DSS • Protection of Computerized PII • Wireless Infrastructure • Email Use • Virtual Server Security |
| TRAINING  | |
| Train-the-Trainer Program: Data Security, Hacking Demo, Data Privacy, and Social Media Safety | Cybersecurity Awareness Programs are a proven method to stop the threat of cyberattacks. This program provides the materials, subject matter experts, and initial hands-on preparation which enables districts to implement and maintain their own Cybersecurity Awareness Programs. |
| SDCOE's CoSN Trusted Learning Environment (TLE) Cohort Program | The TLE Seal Program is the only all-encompassing program addressing school system student data privacy and security. It provides system leaders the guidance needed to put effective privacy practices in place, and signal that they are taking measurable steps to assure the protection of student information. |
| VULNERABILITY ASSESSMENT  | |
| Interview Based Assessments | <ul style="list-style-type: none"> • Cloud Services • Baseline Hardening: Server & Client Side • Patch Management • Security Policies • Viruses & Worms |
| Onsite Assessments | <ul style="list-style-type: none"> • Penetration Testing • Physical Security of the Data Center / Work Environment • Unsafe Software Apps • Vulnerability Scanning |

For a more in-depth list of services, visit www.sdcoe.net/cybersecurity.



INTEGRATED TECHNOLOGY SERVICES
San Diego County Office of Education



Security is everyone's responsibility.

SecuringInfo@sdcoe.net 858-292-3626 www.sdcoe.net/cybersecurity

AWARENESS | PROCEDURES | TRAINING | VULNERABILITY ASSESSMENT