Edstar Analytics

Data Privacy and Security

Course Description
In this course, you will learn the fundamentals of data privacy and data security most relevant to front-line education workers. The course will include an overview of the applicable laws but will focus on practical guidance designed to keep educators within the law and out of trouble.

Professional Teaching Standards Alignment
Standard: Standard IV: Teachers facilitate learning for their students **Domain:** Teachers integrate and utilize technology in their instruction.

Digital Competencies
Leadership in Digital Learning, Digital Citizenship, Digital Content and Instruction, Data and Assessment • Take initiative with own professional growth to inform practice. • Demonstrate leadership for technology innovation beyond my own classroom. • Engage in peer collaborative problem solving through continuous planning, designing, testing, evaluation, and recalibration of teaching methods using appropriate digital technology. • Engage in responsible and professional digital social interaction. • Integrate digital citizenship curriculum into student learning. • Design technology-enriched learning experiences that encourage all students to pursue their individual interests, preferences, and differences. • Identify, evaluate, and utilize appropriate digital tools and resources to challenge students to create, think critically, solve problems, establish reliability, communicate their ideas, collaborate effectively. • Utilize technology and digital tools to synthesize and apply qualitative and quantitative data to: - Create individual learner profiles of strengths, weaknesses, interests, skills, gaps, preferences. - Inform, personalize, and calibrate individual learning experiences. - Identify specific plans of action related to weaknesses, gaps, and needed skills as identified in the learner profile. - Reflect and improve upon instructional practice.

Units
Unit 1: Security Breaches and Ransomware Attacks Unit 2: Privacy, Security, and the Hackers That Threaten Them Unit 3: The Law Unit 4: Protected Information Unit 5: Prohibitions and Exceptions Unit 6: Reasonable Security Unit 7: Protecting Your Students and Yourself Unit 8: Vetting Educational Software for Privacy and Security Unit 9: Mistakes Teachers Make Unit 10: Documenting and Aligning What You Learned With Standards

Certificate Information

Participants can earn a certificate of completion for 30 Digital Learning hours. To earn a certificate, participants must:

- Complete each Unit.
- Contribute to the community by sharing ideas in the discussion forums; A certificate requires at least one post per unit, if instructed.

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