GRADES 9-12

Information & Communication Technology

IDAHO DEPARTMENT OF EDUCATION

CONTENT & CURRICULUM | TECHNOLOGY

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LEVERAGING TECHNOLOGY

Code	Standard
9-12.ICT.1.1	Leverage technology to collect, document and present digital works, enhancing the quality and accessibility of their creations.
9-12.ICT. 1.2	Build networks to leverage tools that support development of a personalized learning path.
9-12.ICT. 1.3	Use technology to seek and give feedback that informs and improves the learning and development process.
9-12.ICT.1.4	Demonstrate the ability to select, use and troubleshoot current technologies and transfer their knowledge and skills to new technologies.

DIGITAL CITIZENSHIP

Code	Standard
9-12.ICT.2.1	Develop and manage their digital identity and understand the permanence of their digital actions including the effect on current and future reputation.
9-12.ICT.2.2	Engage in positive, safe, legal and ethical behavior when using technology.
9-12.ICT.2.3	Demonstrate an understanding of the rights and obligations of using and sharing intellectual property.
9-12.ICT.2.4	Maintain their digital security and understand data collection technology used to track their online activity.

INFORMATION PROCESSING AND PRODUCTION

Code	Standard

9-12.ICT.3.1	Utilize effective research strategies to plan and gather information from relevant sources.
9-12.ICT.3.2	Evaluate the accuracy, perspective, credibility and relevance of information in any format.
9-12.ICT.3.3	Create deliverables utilizing a variety of formats to demonstrate meaningful connections and conclusions from their research.
9-12.ICT.3.4	Explore real-world issues and problems, develop ideas and theories while pursuing solutions.

INNOVATIVE DESIGNER

Code	Standard
9-12.ICT.4.1	Know and use a deliberate design process for generating ideas, testing theories, creating innovative artifacts or solving authentic problems.
9-12.ICT.4.2	Select and use digital tools to plan and manage a design process that considers design constraints and calculated risks.
9-12.ICT.4.3	Develop, test and refine prototypes as part of a cyclical design process.
9-12.ICT.4.4	Display a capacity to work with open-ended problems demonstrating perseverance and adaptability.

COMPUTATIONAL THINKER

Code	Standard
9-12.ICT.5.1	Analyze problems, identifying opportunities to apply technological methods for solution development.

9-12.ICT.5.2	Collect and identify relevant data to facilitate problem-solving and decision-making.
9-12.ICT.5.3	Extract key information, breaking problems into identifiable parts to understand complex systems through research, analysis and feedback.
9-12.ICT.5.4	Analyze data for patterns and create a sequence of procedures to design and evaluate automated solutions.

CREATIVE COMMUNICATOR

Code	Standard
9-12.ICT.6.1	Choose the appropriate platforms and tools for meeting the desired objectives of their creation or communication.
9-12.ICT.6.2	Generate innovative creations by either crafting original works or responsibly repurposing and remixing digital resources to form new compositions.
9-12.ICT.6.3	Communicate detailed ideas clearly and effectively by creating or using a variety of deliverables.
9-12.ICT.6.4	Publish or present content that customizes the message and medium for their intended audiences.

GLOBAL COLLABORATOR

Code	Standard
9-12.ICT.7.1	Use digital tools to engage with diverse backgrounds and cultures, broadening mutual understanding and learning through these interactions.

9-12.ICT.7.2	Use collaborative technologies to work with others, including peers, experts or community members, to examine issues and problems from diverse viewpoints.
9-12.ICT.7.3	Contribute constructively to project teams, assuming various roles and responsibilities to work effectively toward a common goal.
9-12.ICT.7.4	Explore local and global issues and use collaborative technologies to work with others to investigate, develop new understandings, make decisions, and/or solve problems.