

IDAHO CONTENT STANDARDS
Grades 9 – 12
INFORMATION AND COMMUNICATION TECHNOLOGY

Standard 1: Creativity and Innovation

Goal 1.1: Demonstrate creative thinking, construct knowledge, and use information and communication technologies to develop innovative products and processes.

Objective(s): By the end of Grade 12, the student will be able to:

- 9-12.ICT.1.1.1 Evaluate and interpret existing knowledge to generate new ideas, products, or processes.
- 9-12.ICT.1.1.2 Create original works as a means of personal or group expression using multiple resources and formats.
- 9-12.ICT.1.1.3 Create models and simulations to explore complex systems and issues to identify trends and forecast possibilities.

Standard 2: Communication and Collaboration

Goal 2.1: Use digital media and environments to communicate and work collaboratively to support individual learning and to contribute to the learning of others.

Objective(s): By the end of Grade 12, the student will be able to:

- 9-12.ICT.2.1.1 Inquire, interact, and publish with peers, experts, or others employing a variety of digital media and environments.
- 9-12.ICT.2.1.2 Collaborate with others using digital tools and media to identify issues and exchange ideas, develop new understandings, make decisions and/or solve problems

Standard 3: Research Skills and Critical Thinking

Goal 3.1: Exercise critical thinking to plan and conduct research using a variety of information resources including print, digital and other sources

Objective(s): By the end of Grade 12, the student will be able to:

- 9-12.ICT.3.1.1 Design research questions and strategies based on information needs to solve an information problem or make an informed decision.
- 9-12.ICT. 3.1.2 Evaluate and select a variety of resources to solve an information problem or make an informed decision.
- 9-12.ICT.3.1.3 Formulate specific searches using advanced navigation skills to access a variety of resources.
- 9-12.ICT.3.1.4 Collect, analyze, organize, and interpret data and information to make informed decisions, draw conclusions, and construct new understanding and knowledge.

Standard 4: Digital Citizenship

Goal 4.1: Understand human, cultural, and societal issues related to information and communication technologies and practice legal and ethical behavior.

Objective(s): By the end of Grade 12, the student will be able to:

- 9-12. ICT.4.1.1 Practice and explain importance of safe, ethical, legal, and responsible use of information and technology.
- 9-12. ICT.4.1.2 Practice and explain importance of citing information sources.

Standard 5: Technology Operations & Concepts

Goal 5.1: Demonstrate a sound understanding of technology concepts, systems, and operations.

Objective(s): By the end of Grade 12, the student will be able to:

- 9-12.ICT.5.1.1 Evaluate, configure, and implement various technologies.
- 9-12.ICT.5.1.2 Select, use and integrate various software applications.
- 9-12.ICT.5.1.3 Troubleshoot technology systems and software applications.
- 9-12.ICT.5.1.4 Integrate new technologies into current knowledge and practices.