

5.IC.1 Impacts of Computing

The student will analyze the impact of inappropriate use of computing technologies. (a) Predict consequences for inappropriate uses of computing technologies. (b) Describe how technology-related problems can be avoided or prevented. (c) Develop solutions for a scenario involving inappropriate use of computing technologies.



Integration Opportunities

Understanding the Standard

Technology allows people to connect, have access to information, and to share ideas. To keep students safe, schools and school divisions have rules on the appropriate use of technology. As students increase their use of technology and interaction with others outside of the school/home environment, it's important to teach students how to navigate the internet, use technology safely and the possible effects of inappropriate use of computing devices. This standard is related to standard 5.CYB.1, but while the cybersecurity standard emphasizes data security and privacy, this standard addresses a broader range of impacts, including privacy, interpersonal skills, and mental health. School and school division safety protocols should be reviewed on a regular basis.

Term	Definition
Internet	A network that connects millions of computers across the world
Impact	The effect or influence of one person, thing, or action, on another.
Consequence	The result or effect of an action or condition.
Appropriate	Relevant, or suitable (usage, in this case)

English 5.C.1a Use prior experiences and knowledge to engage in structured conversations regarding appropriate and inappropriate technology usage. Work collaboratively to create classroom rules and solutions regarding safe technology usage.

Health 5.1.p Have students define and describe cyberbullying. Discuss with the class the possible effects of cyberbullying, how to report it, and how to support those being bullied.

History Skills USI h Students discuss the cause and effect of inappropriate use of the internet and technology. Students will create a poster promoting others to be good digital citizens, even when engaging with others who have different perspectives.

Prerequisite Knowledge

Students should possess a familiarity with computing devices and the Internet. They should also have basic knowledge of what is healthy and appropriate.

Summary of a Lesson

As a class, review your school/division's appropriate use of technology policy. Break students into groups (3-4 students). Each group is provided with a scenario that demonstrates an inappropriate use of technology or misuse of the internet. Students work with their group to identify which rule was broken in the technology policy, an appropriate response to if they were to witness the scenario and possible consequences/dangers of this scenario. Students will then work as a group to create a 1-3 minute skit or 1-3 slide presentation that will summarize the scenario, identify the rule broken, the appropriate response and possible effects of the scenario.

