

LINCOLN PUBLIC SCHOOLS
Instructional Technology Learning Expectations: Grades 6-8

Strand:

Ethics

Students will learn about ethical use of technology at home, in school and in society.

Big Ideas

- ❑ Digital citizens must use technology ethically and responsibly at all times.

Key Outcomes

Students will demonstrate an understanding of **ethics** by being able to

- ❑ Explain ethical issues related to privacy, plagiarism, spam, viruses, hacking and file sharing.
- ❑ Explain how copyright law protects the ownership of intellectual property and explain the possible consequences of violating the law.
- ❑ Discuss basic fair use guidelines for using copyrighted materials in school projects.

Essential Knowledge and Skills

As students progress from grade six to grade eight their skills in these areas will move from exploratory toward mastery.

Technology instruction at all grade levels should be planned in conjunction with the classroom teachers.

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Strand:

Society

Students will learn how technology is used in everyday life.

Big Ideas

- People use technology for work and for fun.
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Key Outcomes

Students will demonstrate an understanding of **technology in society** by being able to:

- Analyze and explain how media and technology can be used to distort, exaggerate, and misrepresent information.
 - Give examples of hardware and applications that enable people with disabilities to use technology.
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Essential Knowledge and Skills

As students progress from grade six to grade eight their skills in these areas will move from exploratory toward mastery.

Technology instruction at all grade levels should be planned in conjunction with the classroom teachers.

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Strand:

Health and Safety

Students will understand the safety issues in using electronic media.

Big Ideas

- ❑ Digital citizens must use technology safely at all times.
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Key Outcomes

Students will demonstrate an understanding of **health and safety** by being able to:

- ❑ Explain the potential risks associated with the use of networked digital information.
 - ❑ Provide examples of safe and unsafe practices for sharing personal information via email and the Internet.
 - ❑ Explain why computers, networks, and information need to be protected from viruses, intrusion and vandalism.
 - ❑ Explain terms associated with the safe, effective, and efficient use of technology (passwords, firewalls, spam, security, AUP).
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Essential Knowledge and Skills

As students progress from grade six to grade eight their skills in these areas will move from exploratory toward mastery.

Technology instruction at all grade levels should be planned in conjunction with the classroom teachers.