

Standard III **Element C**

LEVEL 2 PRACTICES

THE TEACHER:

Uses available technology to:

3 *Facilitate classroom instruction.*

When technology resources are used to facilitate classroom instruction, they become tools that allow teachers to present information visually and/or orally in a way that engages students and provides clarity to learning and behavior expectations.

Refer to this external resource for additional information:

- Article: “Using the Technology of Today, in the Classroom Today The Instructional Power of Digital Games, Social Networking, Simulations, and How Teachers Can Leverage Them” from Education Arcade http://education.mit.edu/papers/GamesSimsSocNets_EdArcade.pdf
Article provides information on the use of games, social networking, and simulations in the classroom.

4 *Develop students’ knowledge and skills based on lesson outcomes.*

The traditional definition of literacy is the ability to read and write. With the rapid development of new technologies, the nature of literacy is rapidly changing. Thus in addition to reading and writing, the current definition of literacy also includes the ability to learn, comprehend, and interact with technology in a meaningful way (Coiro, 2003).

Technology tools impact students’ development of knowledge and skills in a variety of ways. Students have the opportunity to strengthen basic skills when technology is used as a tutorial, such as games that are used to increase students’ basic skills and fluency and provide feedback on accuracy of students’ responses. Students can obtain knowledge when accessing the Internet for information. Communication skills and knowledge can be developed when students use technology to communicate with others, such as “content experts” or individuals living in a different culture and environment. Technology has made students’ access to an undefined number of resources much easier.

5 *Models responsible and ethical use of technology and applications.*

Technology can be an effective instructional tool. However, there can also be significant dangers associated with giving students Internet access, including downloading viruses and viewing inappropriate content. Teachers must model appropriate use to ensure students understand how to appropriately and effectively use technology as an instructional tool.

After modeling responsible and ethical usage, the teacher may also put procedures in place to monitor student usage and make sure each student is using resources appropriately and safely.

Suggestions for monitoring use of computers:

- Arrange classroom to ensure all computer monitors are easily visible by teacher and students.
- Remind students they have a responsibility to school values/rules when using technology. If a technology use covenant is not in place at the school level, teachers should consider creating one that students must sign in order to use available technology and then display for teacher and students to reference.

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- The teacher, or a designated monitor, should check each computer's Internet browsing history once students are finished using the computers. Open up an Internet browser and hold down the "Control" key while pressing "H" to bring up a list of all the websites that have been visited that day.
- Communicate copyright guidelines to students. (Reference the Library of Congress' Guide on "Copyright Basics" for students and teachers: <http://www.loc.gov/teachers/copyrightmystery/#>)

Refer to this internal resource for additional information:

- [Examples of Netiquette](#)
Document provides ways to properly communicate when using the Internet.
- [Strategies for Managing the Use of Computers in the Classroom](#)
Document provides strategies (or procedures) for the effective use of technology at all grade levels.

Refer to this external resource for additional information:

- Student Technology Use Contract
<http://vms.valhallaschools.org/ourpages/auto/2008/8/26/1219780980521/Technology%20Use%20Contract.pdf>

Planning/Coaching Questions

- What technology is available for teacher and student use? How can I incorporate available technology into instruction?
- How can the use of technology enhance student learning and engagement?
- How will I model responsible and ethical use of technology?
- How will I support students who may need assistance in using the technology available?
- How can I develop projects that require students to utilize technology in creative and collaborative ways that will enhance their use of information?

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