

Validated Task 2010

Task Name: ETHICS IN TECHNOLOGY

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Course/Grade: 9-12

Type of Task: Common -Extended

What will students need to know and be able to do to be successful?

- a. Understand the meaning of the terms ethics, plagiarism, appropriate and inappropriate sites, fair use, public domain and computer etiquette,
- b. Know and ethically use the Big Six search strategies,
- c. Learn and live by "The Ten Commandments of Computer Ethics.
- d. Know and practice computer etiquette.
- e. Write a reflective essay proving their understanding of all of the above.

Use the reflective essay rubric and address at least one issue of ethics in information and/or information technology from class discussion. Use six or more of the words from the vocabulary list provided with understanding in the essay. Students must meet the standard and will be asked to revise the essay until they do.

Vocabulary

Academic integrity-a commitment, even in the face of adversity, to five fundamental values: honesty, trust, fairness, respect, and responsibility. From These values flow principles of behavior that enable academic communities to translate ideals into action. (The Center for Academic Integrity, October 1999.)

Common knowledge- information that is so well known that it can be found in numerous sources and does not have to be cited. For example there are four seasons in a year or there are 365 days in a year. Another example of common knowledge is there are 52 states in the USA. If you are not sure if something is or is not common knowledge just cite the source (almanac, dictionary etc. just to be sure.

Copyright - the legal right of ownership to the work produced in books, music, plays, movies, graphics/pictures and computer software. A copyright work cannot be copied without the permission from the owner of the copyright (author, writer or publisher.



Ethics - a set of moral principles or values.

Ethical use of information - using information according to accepted standards of behavior. For example-giving credit to a person for their work like citing a book that you got information from.

Ethical use of information technology - using information technology according to accepted standards of behavior. For

example using appropriate internet sites.

Network etiquette - the do's and don'ts of online communication; the informal rules of common courtesy in cyberspace.

Plagiarism - to steal or pass off someone else's ideas or word's as one's own.

Public domain-The status of publications, products, and processes that are not protected under patent or copyright. For example-government published works, federal court opinions and census data. Generally speaking works that were published before 1923 can be considered to be in the public domain. Example-Homer's Odyssey

Fair use- any copying of copyrighted material done for a limited an

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What will the students produce?

- a. The students will produce a final project in the form of reflective essay three to five paragraphs in length, proving that practicing ethics in technology is understood.



One example of following proper ethics when using technology would be documentation material used from sources other than the public domain. Another example of using ethical technology is adhering to software licenses.

Learner Expectation

SKHS Expectation #2

A2. All students will acquire and analyze information, think critically, and use logic in problem solving.

SKHS Expectation #3

A3. All students will utilize effective literacy skills: Communication, writing effectiveness, reading, reading analysis and interpretation.

Applied Learning Standards

- 1. Problem Solving: The student applies problem solving strategies in purposeful ways, both in situations where the problem and the desired outcomes are clearly evident and in situations where they are not.**
- 2. Communication Tools and Techniques: The student communicates information and ideas in ways that are appropriate to the purpose and audience through spoken, written, and graphic means of expression.**
- 3. Information Technology Tools and Techniques: The student used information technology to collect, analyze, organize, and present information.**
- 4. Learning And Self-Management Tools and Techniques: The student manages and directs his/her own learning.**

Technology is the application of tools to solve problems that extend human potential for the benefit of society. (National Educational Technology Standards, Information Power, Informational Technology in Educational technology for All Americans. 1997)

Content Standards

- Standard 1: Fundamental Operations and Concepts**
- Standard 2: Social, Ethical and Human Issues**
- Standard 3: Technology Productivity Tools**

Grade Span Expectations

- (R-4) Initial Understanding of Literary Texts**
- (R-5) Analysis and Interpretation**
- (R-6) and (R16) Analysis and interpretation of Literary Text/Citing Evidence.**

<p>Standard 4: Technology Communication Tools</p> <p>Standard 5: Technology Research Tools</p> <p>Standard 6: Technology as a Tool for Problem Solving and Decision-making</p>	<p>(R-7) Initial Understanding of Informational Text</p> <p>R-8) Analysis and Interpretation of Informational Text/Citing Evidence</p> <p>(R-14-17) Reading Widely and Extensively</p> <p>(R15) Reading for Research Across Content Area</p>
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Description of Prompt:

Ethical issues have been questioned since before Socrates. Since the beginning of time man has had to decide between good and evil, right and wrong. Censorship, copyright violations, plagiarism, computer fraud, computer hacking, virus setting, invasion of privacy, identity theft, have all had an impact on our society with serious legal consequences. It is imperative that students recognize that technological ethics must be considered at school, at home and in the work place.

The assignment: Prove you understand what "Ethics in Technology" means by writing a two to three page reflective essay, using MLA format. Students may work with a partner but each individual will be responsible for handing in individual essay with Name, date, and grade level.

Each project must be saved or scanned into your h/drive and you must include a Works Cited Page. You must have five sources to substantiate your work

-one book, two databases, two periodicals.

1. Describe 3 examples demonstrating ethical uses of technology. For example, when writing a research paper, document all sources correctly. Another example would be to only download music that is allowed. The court's ruled that individuals could not exchange music over Napster because artists who created the songs owned them.

If you use someone else's work, words or ideas, give them credit where credit is due.

Instructional Sequence

Schedule grade 9 orientation classes first and incorporate the "Ethics in Technology" presentation into the orientation. We will continue to present this project to gr.10, 11, and 12 throughout the year. Classes will have the option to sign -up for the "Ethics in Technology' presentation in the library. Two sessions for each class will be necessary for project completions.

3. Complete the "Ethics in Technology" survey and copyright, fair use quiz.
4. Watch the Technology Power Point Presentation and write a brief reflection paper of one page on what they now know about Technology Ethics

[Ethics PowerPoint\[1\].ppt](#) and

Develop your own code of technology ethics either individually or in a group. Focus on what effective ethical technology users should know, do, and be like.

Technology and Other Resources Needed

Librarian and Library print resources

Library Computers, access to turnitin.com(for the plagiarism portion of the presentation) and access to each student's h/drive to save their completed projects for possible portfolio consideration.

Sources for writing research papers

<http://www.ccc.commnet.edu/mla/index.shtml> (guide to MLA format)

<http://www.libraryspot.com/features/paperfeature.htm>

Guide to grammar and writing

<http://grammar.ccc.commnet.edu/grammar/>

Works Cited generator

<http://www.easybib.com/>

Rubric and Criteria Checklist (attach)

Big Six Rubric

Short Research Paper Rubric (used through English Dept)

How to evaluate a website

Accommodations/Differentiated Instructional Opportunities

Extended time, equal computer access, resource and literacy support.

Sample/Benchmark (attach)

Student work will be used as benchmarks when this presentation is repeated each year.

Related Files and Helpful Websites

<http://www.clovisusd.k12.ca.us/alta/big6/b6intchart.htm>

<http://www.unc.edu/~unc1ng/public-d.htm>

www.skschools.net/hs

<http://www.turnitin.com/>

www.indiana.edu/~wts/wts/plagiarism.html

http://www.brook.edu/its/cei/overview/Ten_Commanments_of_Computer_Ethics.htm

<http://www.multcolib.org/homework/webeval.html>