TECHNOLOGY

A

A student should be able to operate technology-based tools.

A student who meets the content standard should:

1) use a computer to enter and retrieve information;

2) use technological tools for learning, communications, and productivity;

3) use local and worldwide networks;

4) manage and maintain technology tools; and

5) diagnose and solve common technology problems.

B

A student should be able to use technology to locate, select, and manage information.

A student who meets the content standard should:

1) identify and locate information sources using technology;

2) choose sources of information from a variety of media; and

3) select relevant information by applying accepted research methods.

C

A student should be able to use technology to explore ideas, solve problems, and derive meaning.

A student who meets the content standard should:

1) use technology to observe, analyze, interpret, and draw conclusions;

2) solve problems both individually and with others; and

3) create new knowledge by evaluating, combining, or extending information using multiple technologies.

D

A student should be able to use technology to express ideas and exchange information.

A student who meets the content standard should:

1) convey ideas to a variety of audiences using publishing, multi-media, and communications tools;

2) use communications technology to exchange ideas and information; and

3) use technology to explore new and innovative methods for interaction with others.

E

A student should be able to use technology responsibly and understand its impact on individuals and society.

A student who meets the content standard should:

1) evaluate the potentials and limitations of existing technologies;

2) discriminate between responsible and irresponsible uses of technology;

3) respect others' rights of privacy in electronic environments;

4) demonstrate ethical and legal behavior regarding intellectual property, which is the manifestation of an original idea, such as computer software, music, or literature;

5) examine the role of technology in the workplace and explore careers that require the use of technology;

6) evaluate ways that technology impacts culture and the environment;

7) integrate the use of technology into daily living; and

8) recognize the implications of emerging technologies.

LIBRARY/INFORMATION LITERACY

A

A student should understand how information and resources are organized.

A student who meets the content standard should:

1) recognize that libraries use classification systems to organize, store, and provide access to information and resources;

2) understand how library classification and subject heading systems work;

3) understand how information in print, non-print, and electronic formats is organized and accessed;

4) search for information and resources by author, title, subject, or keyword, as appropriate; and

5) identify and use search strategies and terms that will produce successful results.

B

A student should understand and use research processes necessary to locate, evaluate, and communicate information and ideas.

A student who meets the content standard should:

1) state a problem, question, or information need;

2) consider the variety of available resources and determine which are most likely to be useful;

3) access information;

4) evaluate the validity, relevancy, currency, and accuracy of information;

5) organize and use information to create a product; and

6) evaluate the effectiveness of the product to communicate the intended message.

C

A student should recognize that being an independent reader, listener, and viewer of material in print, non-print, and electronic formats will contribute to personal enjoyment and lifelong learning.

A student who meets the content standard should:

1) read for pleasure and information;

2) read, listen, and view a wide variety of literature and other creative expressions; and

3) recognize and select materials appropriate to personal abilities and interests.

D

A student should be aware of the freedom to seek information and possess the confidence to pursue information needs beyond immediately available sources.

A student who meets the content standard should:

1) know how to access information through local, national, and international sources in printed and electronic formats;

2) recognize the importance of access to information and ideas in a democratic society;

3) access information on local, state, national, and world cultures and issues;

4) evaluate information representing diverse views in order to make informed decisions; and

5) assimilate and understand how newly acquired information relates to oneself and others.

E

A student should understand ethical, legal, and social behavior with respect to information resources.

A student who meets the content standard should:

1) use library materials and information resources responsibly;

2) understand and respect the principles of intellectual freedom;

3) understand and respect intellectual property rights and copyright laws; and

4) develop and use citations and bibliographies.