Standard 2—Information Systems

Information Systems

1. Information technology is used to retrieve, process, and communicate information and as a tool to enhance learning.

Students:
• use a variety of equipment and software packages to enter, process, display, and communicate information in different forms using text, tables, pictures, and sound.
• telecommunicate a message to a distant location with teacher help.
• access needed information from printed media, electronic data bases, and community resources.

This is evident, for example, when students:
 ▲ use the newspaper or magazine index in a library to find information on a particular topic.
 ▲ invite local experts to the school to share their expertise.

2. Knowledge of the impacts and limitations of information systems is essential to its effective and ethical use.

Students:
• describe the uses of information systems in homes, schools, and businesses.
• understand that computers are used to store personal information.
• demonstrate ability to evaluate information.

This is evident, for example, when students:
▲ look for differences among species of bugs collected on the school grounds, and classify them according to preferred habitat.
3. Information technology can have positive and negative impacts on society, depending upon how it is used.

Students:
- describe the uses of information systems in homes and schools.
- demonstrate ability to evaluate information critically.