

EDUC 2210 Case Study and Questions

Case Study

You are a student teacher at a Charlotte Elementary School. Today you are observing Mrs. Jones teaching her fifth grade social studies class in the computer lab. She has asked you to assist her with setting up the lab for her lesson plan. She is installing the school's only copy of an atlas software program for a single user license on the 22 computers in the lab. She explains that her lesson will require students to download information about the country that they have been assigned from the atlas program and to also search the Internet for more information for a PowerPoint presentation. Mrs. Jones encourages students to freely use any information from the Internet for their presentation.

At the beginning of each class, the students enter and sit where they choose, occasionally arguing over seats. There are 24 students in the class so Mrs. Jones pairs a boy and a girl, assigning the boy to operate the computer and the girl to take notes. Mrs. Jones starts the class by sharing a model of a final product, a PowerPoint presentation. Without guidance, she encourages the students to freely copy any graphics and text from the Internet to brighten up their slides. She explains that they will have one day in the computer lab to complete the assignment and that, if they do not finish in class, they must complete the work at home within two days. She directs them to use the atlas software and to search the web for sites about the country assigned to them. At the completion of class, she gives them time to save their work to the class folder on the local area network and reminds them not to access other folders. During the first class period with students, a few students become distracted with the computer in the first row where Mrs. Jones had been working on her gradebook program earlier in the day. They begin reciting aloud the classmates' scores that are still visible on the monitor. She closes the program and puts the students back on task. Several students sitting by the windows complain that they cannot read their monitors due to glare.

After lunch, several students rush into the computer lab and sit toward the back of the lab while the teacher monitors the hall. As the other students enter the class, they become interested in the stifled giggles from the back row. It is time for class to begin and the teacher enters the room approaching the group of students huddled in the back around a monitor. She disperses the group and finds the monitor displaying a commercial web site for movie videos. She proceeds with class except for a brief delay to locate a workstation for a wheelchair-bound student. When School is over, several students rush out without properly logging out and the backpack of one gets hooked to a monitor cable. Luckily, a student nearby catches the monitor before it falls.

The class concludes with a disaster--15 minutes into the class, the power to the lab server goes out. Mrs. Jones calms the excited students and asks them to be patient, assuming the power will be on within a few minutes. The principal makes an announcement that a local power surge affected the server and the lab computers will be down for the remainder of the day. Since there are 35 minutes left until dismissal, he encourages teachers to continue their lessons. Mrs. Jones mentions to you that she really had nothing else planned and she does not want to begin the next day's lesson. She tells the students they will have to complete the project on their own and

allows them to talk quietly until the dismissal bell rings. After the final bell, Mrs. Jones dismisses the students and tells you to reflect on the day.

Technology: Legal, Social, Ethical and Human Issues
Case Study and Questions

Questions for you to answer.

- 1) Underline or highlight all questionable practices that you noted in the case study.
- 2) Of those legal and ethical issues (one of which must deal with copyright), identify three different issues that arise from this case study and explain what laws, policies and/or procedures are most applicable to each issue.
- 3) Of those health and safety considerations raised in the case study, identify three. Suggest at least one potential way of addressing these types of issues, including classroom management techniques that may facilitate a safe and orderly environment.
- 4) Of those security and/or privacy issues raised in the case study, pick three. For each instance, describe the policies and procedures that may help ensure security and privacy.
- 5) The case study highlights several advantages and disadvantages of widespread use of, and reliance upon, technology in the classroom. Address the following:
 - Identify one advantage and describe how it impacts technology use in educational settings. Support your answer with examples based upon your prior knowledge and experience.
 - Identify one disadvantage and describe how it impacts technology use in educational settings. Support your answer with examples based upon your prior knowledge and experience.

Rubric for scoring

8-10 points: Demonstrates an in-depth and perceptive understanding; exhibits excellent evidence of attainment of concepts.

5-7 points: Demonstrates a thorough understanding; exhibits clear evidence of attainment of concepts.

2-4 points: Demonstrates a partial understanding; exhibits some evidence of attainment of concepts.

0-1points: Demonstrates a lack of understanding; exhibits minimal evidence of attainment of concepts.