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Exam : **62-193**

Title : Technology Literacy for Educators

Version : DEMO

1.Topic 1, Case Study 1

Overview

General Overview
You are a history teacher at a school that has students between the ages of 11 and 18.

Description of Students
You class contains 30 students who are 12 and 13 years old.

Learning and Teaching Environment
The school has the following Information and Communication Technology (ICT) resources:

•Two networked computer labs that each contains 30 desktop computers. All of the computers are connected to the Internet through a Web filtering firewall. All of the computers are connected to a pool of printers and to a flatbed scanner.
•16 laptop computers that have a wireless connection to a pool of printers and to the Internet.
•Five digital cameras, two video cameras, and one digital voice recorder.
•Video-editing software installed on all of the computers.

A Learning Management System (LMS) used for the following tasks:

•The students use the LMS to submit their work, access resources uploaded by the teachers, communicate with their teachers, and access discussion forums.
•The teachers use the LMS to upload resources for the students, assign homework, collect assignments, and grade their students' work.
•The school administration uses the LMS to create schedules and to track student performance data.

Planned Changes
You plan to help the school make better use of its existing ICT resources. The school administration also asks you to identify opportunities to use the ICT resources during your history lessons.

Teacher Problem Statement
The school reports that neither the teachers nor the students use the ICT resources. Also, when the ICT resources are used, they are often used for tasks that do not enhance learning.

You inform the school administration that you are interested in using new technologies during your lessons. The administration asks you to find opportunities within your subject area to develop the use of ICT resources.

Student Problem Statement
The students report that they often find historical sources in a foreign language, which hinders them from completing their assignments.

Objectives

Learning Objectives
Develop the students' understanding of past societies and of how these societies shaped the world during the twentieth century.

Professional Development Objectives
You identify the following professional development objectives:

•Develop new approaches to using digital technologies for the teaching of history.
•Develop new approaches to using source materials for the teaching of history.

Organizational Goals
The school plans to increase the use of technology during teaching.

Planned Activity
You plan to run a learning activity that will include the following tasks:

•The students split into small groups, and each group identify a theme or a historical event.
•The students select and edit digital images that illustrate the theme or the event.
•The students create a poster to demonstrate their learning.
•The students display their posters to their peers.

What is the primary benefit of increasing the use of ICT resources during the history lessons?
This item is part of a case study. To view the case study information, click on the Case Study button below.
A. The students will have access to a greater range of learning resources.
B. The students will more easily and quickly submit their assignments.
C. The students will stay on task throughout the lessons.
D. The students will deliver assignments that are clearer and more presentable.
Answer: A

2.You plan to have an expert speaker address the students about a recent historical event.
Which two possible ICT resources should you recommend that the students use to create an accurate record of the speaker's statements? (Each correct answer presents a complete solution. Choose two.)
This item is part of a case study. To view the case study information, click on the Case Study button below.
A. the digital voice recorder
B. the LMS
C. an Internet connection
D. a digital camera
E. a video camera
F. the flatbed scanner
G. the printers
Answer: A, E

3.You have to recommend a solution to help the students solve their problem regarding the historical sources. The problem must be solved as quickly as possible.
What should you recommend?
This item is part of a case study. To view the case study information, click on the Case Study button below.
A. Modify the language settings on the students' desktop or laptop computers.
B. Email the source text to a language teacher at the school.
C. Use an Internet-based translation tool.
D. Use a social networking site to connect with students in other countries and upload the text to the social networking site.
Answer: C

4.You want to identify which tasks in the planned learning activity incorporate the use of the computer lab.
Which task should you identify?
This item is part of a case study. To view the case study information, click on the Case Study button below.
A. The students must hang the posters in the entrance hall of the school.
B. The students must assemble the images on a wall poster.
C. The students must select and edit digital images that illustrate the theme or the event.
D. The students must split into small groups and each group must identify a theme or a historical event.
Answer: C

5.As an extension activity to the planned learning activity, you ask some of the students to contact external experts to gather additional information about the historical events.
You want to ensure that the students use an appropriate means of communication when they contact the experts.
What should you advise the students to use?
This item is part of a case study. To view the case study information, click on the Case Study button below.
A. their personal mobile phone
B. an anonymous online forum
C. a generic email account of the school
D. their social network account
Answer: C