

1. A coworker wrote a paper about education in the early 1800's. Your colleague cited all articles referenced in the paper except for a small amount of information obtained from a publication dated 1850. Should this article be cited as well?

- No, it is in the public domain.
- No, the information used was minimal.
- Yes, it is considered plagiarism when an author uses information without citing it, even if it is in the public domain.
- Yes, because the author passed away many years ago and could not grant permission to use his article.

2. You are trying to find out who played The Tin Man in the original (Judy Garland) movie The Wizard of Oz. Which of the following Boolean searches will likely give you the best results?

- The OR Wizard OR of OR Oz
- Wizard AND Oz AND film AND cast
- Tin NEAR Man
- Oz AND (Tin OR Man)

3. You want to receive periodic updates about a software product, but you cannot decide if you want to sign up on their email list. You have been getting more and more unwanted emails and offers (SPAM) and don't want to get any more. How can you find out if this software company sells or gives away your email address to other companies?

- Check out the SPAM index on the Better Business Bureau website.
- Sign up a resource teacher first and see if his or her email account gets SPAMMED.
- Inquire about the company's privacy policy.

- It doesn't matter -- your email provider allows you to block all unwanted emails.

4. You are experiencing trouble with your classroom computer at school. Even though you can view web pages, you do not have access to the school's student database. Nobody else is having the same problem, and until today you were not either. What is the likely cause of this problem?

- Your computer is not plugged into the network
- The settings for your NIC (Network Interface Card) have been changed and no longer works properly.
- The server crashed.
- You are not currently logged onto the network.

5. Which of the websites had the most trustworthy information about the Mars Rover?

- <http://www.top-biography.com/9099-Neil%20Armstrong/fastforward/mars>
- <http://www.execpc.com/~mars/kennedy.html>
- <http://www.geocities.com/marsrover/area51/>
- <http://marsprogram.jpl.nasa.gov/science/life/index.html>

6. You are working at your PC when suddenly it freezes. You check the surge protector and find that it is still plugged in and operating properly. You reboot the computer and a notice states: "Cannot Find Boot Device." What is the most likely possibility?

- Your computer's processor has failed -- you will have to replace it.
- The surge protector you were using is no longer working.
- The power supply in your computer has gone bad.
- The hard drive crashed!

7. Search the Internet to find the answer to this question: Benjamin Franklin is credited with the invention of which of the following

- Electricity.
- The light bulb.
- The armonica.
- The printing press

8. Search the <http://www.k12.dc.us/Dcps/data/dcdatabase.html> website. Locate the AYP status data for Dunbar High School and choose the best answer. Compare the results for 2006 and 2007 for females on Math outcomes. The trend shows that female students are doing _____.

- a. better because 3.04% more students scored at the basic level.
- b. better because .3% more students scored at the proficient level.
- c. better because 10 more female students took the test.
- d. better because 2.54% less students scored below basic on the math assessment.

9. Search the <http://www.k12.dc.us/Dcps/data/dcdatabase.html> website. Locate the AYP historical data for DCPS Public Schools and choose the best answer. Over time, which ethnic group has shown significant improvement? The trend shows that _____ students are doing better because _____.

- a. Asian/ Pacific Islander.....because their elementary data shows they have met AYP in both reading and math
- b. Asian /Pacific Islander and White Non Hispanic.....because their elementary data shows they have met AYP in both reading and math
- c. Asian/ Pacific Islander.....because their secondary data shows they have met AYP in both reading and math
- d. Asian /Pacific Islander and White Non Hispanic.....because their secondary data shows they have met AYP in both reading and math

10. A teacher is interested in students making more frequent and appropriate use of websites. When evaluating whether a web site is appropriate for students to use, which of the following is not an important consideration?

- Information is provided on how recently the website was updated
- Information is given about the author(s) of the website and a contact link is provided
- Other websites have chosen to link to this website
- Content/facts on this website agree with content/facts found on other website

11. An 11th grade English teacher completed research on the impact of the integration of the Internet on the 11th grade English classroom. The teacher has been asked to present the findings at a professional development meeting for all high school English teachers in the local school district. The teacher decides to present the research in a PowerPoint presentation. Which of the following statements focuses on what is most important for creating an effective presentation?

- Use animations that immediately engage the audience in the presentation
- Provide content that can easily be transferred to audience handouts
- Use an easy to read font and size to list key ideas with relevant visuals
- Use consistent terminology and supporting visuals

12. Lee is working on a research paper for a graduate course. Lee plans to do some of the research at school and then take the files home to continue working on the project. Lee has access to a computer with a USB port, a printer, a CD-RW drive, a USB pen drive, a FireWire drive, and a network shared drive. Which of the following would be the most efficient method of saving the files so that Lee can work on the paper both at home and at school?

- Save the files to the USB pen drive
- Save the files to the shared network drive
- Burn the files to a CD-R
- Save the files on a FireWire drive

13. A science teacher asked students to complete projects on real life physics. One student's project on the physics of roller coasters contained a bibliography that included websites that were used as part of the research. The teacher checked the websites listed by the student and found that not all of them contained factual information. Which of the following websites the student listed is the least likely to have contained factual information regarding the physics of roller coasters?

- <http://www.ultimaterollercoaster.com/coasters/history>
- <http://science.howstuffworks.com/roller-coaster.htm>
- <http://www.glenbrook.k12.il.us/gbssci/phys/projects/frig/yepbyrji/coaster.html>
- www.learninghowthingswork.com

14. A teacher is interested in using the Internet for purposes of professional communication and professional development. Which of the following websites would most likely allow any teacher to collaborate with colleagues and education-related experts, find resources, and meet in interest group chat rooms?

- <http://www.teachers.net/>
- <http://www.jhu.edu>
- <http://www.usde.gov>
- <http://www.teachers.com>

15. A fifth grade Science teacher has decided to utilize a weblog (blog) with students. Which of the following would be the best instructional use of this technology?

- To access a list of experts who are sorted by topic and could be contacted via email in order to complete research on related issues or participate in distance learning opportunities
- To carry on an online dialogue with peers, experts, and the instructor, whereby questioning/probing leads to deeper thinking and extension of thought
- To compile a list of related websites that can be organized by topic and could be used by others to complete online research
- To create an online concept map where students communicate the interconnectivity of posted topics to a large audience

16. Bailey is a middle school teacher who would like to improve communication with parents and provide some home resources for classroom instruction. Which of the following would be the most effective in helping to establish home-school communication?

- A classroom webpage
- Email sent through a distribution list
- A hotlist of web resources and email sent through a distribution list
- A classroom webpage and email sent through a distribution list

17. A teacher is collecting data on students' reading performance in class to compare with their standardized reading test results. The teacher would like to share this data with colleagues involved in action research. Which one of the following ways to share findings reflects legal guidelines?

- A spreadsheet with student name and data uploaded to an online discussion board

- A spreadsheet with student name, data, and all assessment grades uploaded to an online discussion board
- A spreadsheet with student name, address, and data uploaded to an online discussion board
- A spreadsheet with student id number and data uploaded to an online discussion board

18. A teacher is having students complete research projects and would like for them to utilize concept-mapping software at some stage of the research process. At which stage of the research process could this technology be used most effectively?

- Locating information
- Organizing information
- Revising information
- Verifying information

19. Marty's school system has a strict policy regarding Internet searching, and teachers are told that they must monitor student use of the Internet at all times. Marty has assigned a research assignment on Westward Expansion to the United States History class. Which of the following is the most effective way to manage student use of the Internet and ensure that students stay on task while working on this assignment?

- Install filtering software on the students computers
- Create a WebQuest for student to use
- Provide a bibliography of web sites for students to use at the local library
- Arrange all the student computers to allow the teacher to view the screens at all times

20. Terry has introduced students in an elementary science class to some basic features of the word processing software installed in the computer lab. To assess what students already know about mammals before starting a new unit in science, Terry asks students to use the word processing software to do the following:
-Type a list of mammals that can be found in North America.
-Read through the list of mammals and change the font color to green if the animal lives in the woods and to blue if the animal lives

in the water.

-Label each of the animals as an herbivore, carnivore, or omnivore.

-Select the animals that are carnivores and underline their names.

Save the file to the class folder on the server.

All but which one of the following would be appropriate for Terry to include in a scoring tool to assess a student's use of technology in this lesson?

- Uses the enter key to move the cursor to the beginning of the next line
- Saves to a designated location
- Selects the appropriate page orientation for printing
- Selects a font and style which are easy to read

21. Some high school students have used a blog as one of the resources in preparation for a debate about an issue that is a particularly hot topic in your community. What is a blog?

- An Internet research page containing links to other articles on similar topics
- A personal online journal that can be read and responded to by anyone accessing the page
- A link in the top corner of many news websites that leads to more in-depth information about a topic
- An electronic newsletter about a topic of interest

22. Some high school students have been using a weblog as one of their resources in preparation for a debate about an issue that is a particularly hot topic in their community. What is the best reason to use caution when using weblogs?

- They are highly subjective
- They are cumbersome and difficult to navigate

- They are not updated with current information
- They are not password protected

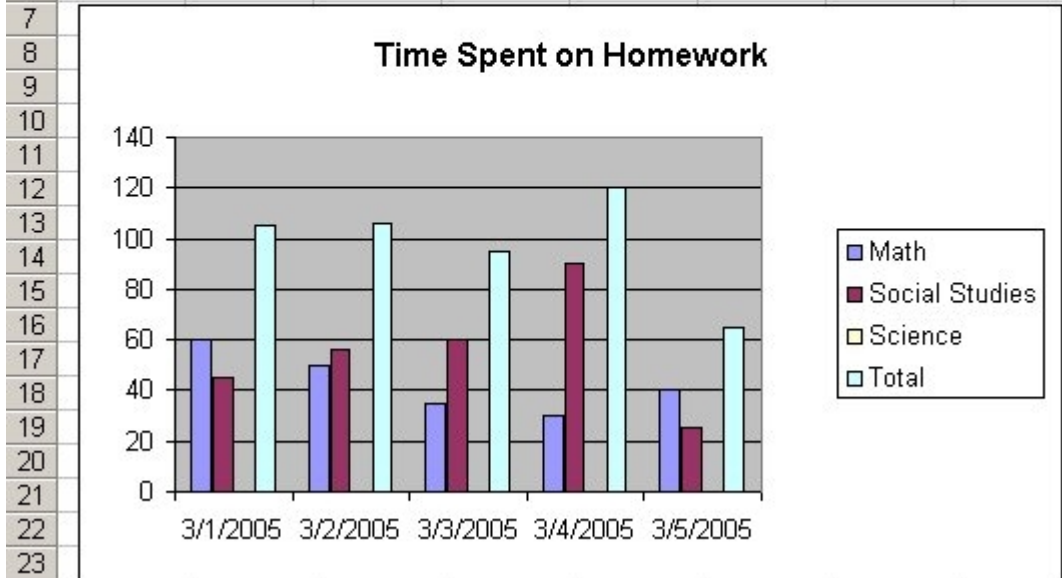
23. A middle school teacher is planning to use computers to support student research on current topics of their choice. The teacher plans to take the class to the school's computer lab to conduct research on the Internet and wants to ensure that instructional strategies are in place so students will use technology effectively and appropriately. Which of the following instructional strategies is not the most effective for the research process?

- Teach students how to cite Internet resources
- Provide bookmarks of appropriate sites
- Demonstrate online resources and several search engines
- Conduct a lesson on effective search techniques

24. Jerry, an eighth grade math teacher, had students create a spreadsheet to record the amount of time they spent completing homework assignments for three subjects over a one week period and graph the data to help analyze the results. One student turned in the following printout of his/her spreadsheet assignment. Jerry returned the assignment and asked the student to complete the data and chart and then resubmit the assignment. What technology skills are required for the student to complete this

assignment?

	A	B	C	D	E	F	G	H
1	Subject	1-Mar	2-Mar	3-Mar	4-Mar	5-Mar		
2	Math	60	50	35	30	40		
3	Social Stu	45	56	60	90	25		
4	Science							
5	Total	105	106	95	120	65		
6								
7								



- Enter data in cells, insert a function, use the chart wizard, save, and print
- Enter data in cells, save, and print
- Enter data in cells, format cells, use the chart wizard, save and print
- Enter data in cells, insert a function, save, and print

25. A teacher is selecting websites for students to use for an online investigation to be conducted at home and in school. The teacher wants to ensure that the websites chosen are accessible for all students. How could the teacher best determine if a website is accessible?

- Access an online portal that analyzes websites for accessibility
- Analyze the websites using the accessibility tool on the teachers personal computer
- Evaluate the websites to ensure that they were designed for a particular browser
- Evaluate the websites to ensure that they are written in multiple web page languages