

## The Technology Integration Confidence Scale

Instructions: For this survey, you will be asked to rate how confident you are that you can complete certain technology integration tasks on the following scale:

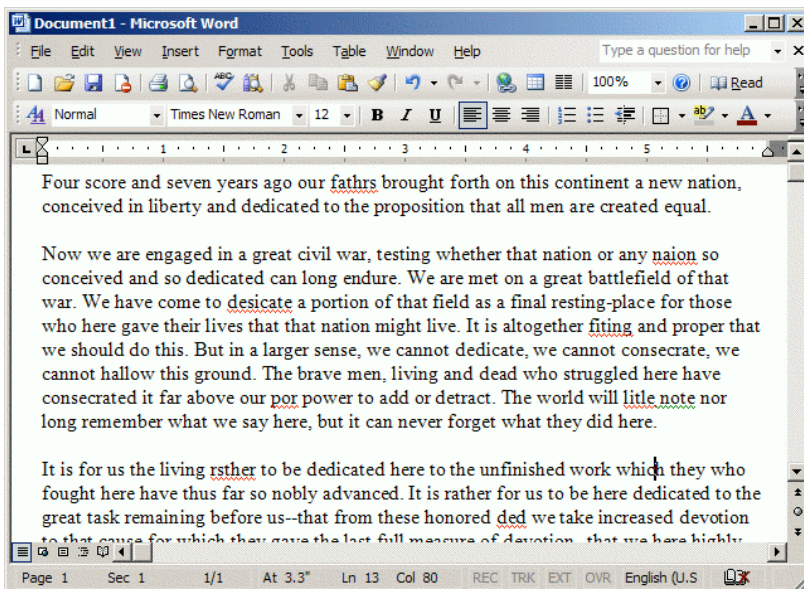
- 0 - Not confident at all
- 1 - Slightly confident
- 2 - Somewhat confident
- 3 - Fairly confident
- 4 - Quite confident
- 5 - Completely confident

Although these items are worded as if you were already teaching, rate your confidence as it is at this moment.

The items are presented in one of two formats. The first format presents an image and an associated task. For example:

Example Item #1:

In the document pictured below, how confident are you that you can find the misspelled words?



- Not confident at all
- Slightly confident
- Somewhat confident
- Fairly confident
- Quite confident
- Completely confident

Example Item #2:

The club you sponsor will be giving a presentation to detail their activities at the next assembly. The assembly hall is equipped with a computer and an LCD projector. How confident are you that you can help the students create an effective presentation using PowerPoint, or another slide show program?

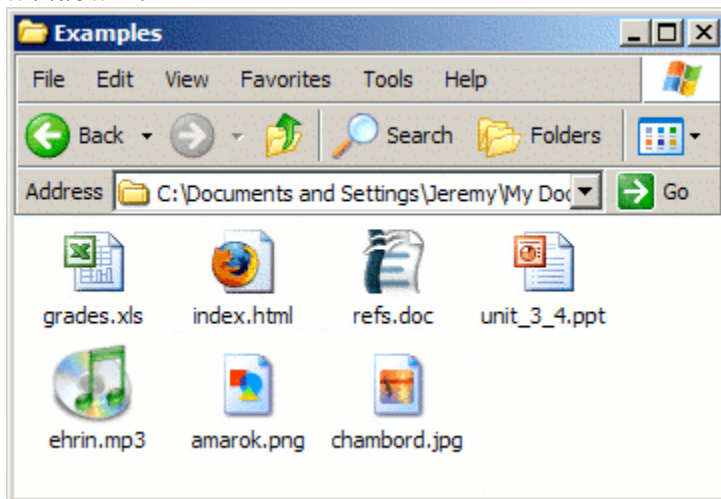
- Not confident at all
- Slightly confident
- Somewhat confident
- Fairly confident
- Quite confident
- Completely confident

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### Technology Integration Confidence Scale

Items 1 through 6 refer to this image (Window A). Rate how confident you are at this moment and without any further instruction or practice to accomplish the tasks listed.

*Window A:*



1. Identify the sound file in Window A
  - Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident

2. Identify the graphic/image files in Window A
  - Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
  
3. Identify the word processing document in Window A
  - Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
  
4. Open, edit, and save the file named "grades.xls" in Window A
  - Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
  
5. Delete the file named "refs.doc" in Window A
  - Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
  
6. Rename the document "index.html" in Window A
  - Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident

Read the following situations and rate how confident you are at this moment and without any further instruction or practice to accomplish the tasks they propose.

7. Your district is rolling out a new technology at each school. They invite representatives from each department to an inservice demonstration. How confident are you that you can effectively learn this new technology during the inservice?  
 Not confident at all  
 Slightly confident  
 Somewhat confident  
 Fairly confident  
 Quite confident  
 Completely confident
  
8. The news has recently featured a new online program that you think may be helpful in your classes. How confident are you that you can learn this new program on your own?  
 Not confident at all  
 Slightly confident  
 Somewhat confident  
 Fairly confident  
 Quite confident  
 Completely confident
  
9. Your principal promises full support for any technology that can be linked to the state's core curriculum standards. How confident are you that you can find technologies to use that will help you meet these standards in your subject?  
 Not confident at all  
 Slightly confident  
 Somewhat confident  
 Fairly confident  
 Quite confident  
 Completely confident
  
10. Recent legislation, such as the No Child Left Behind Act, stresses the importance of reaching every student, regardless of ability. How confident are you that you can use technology to focus classroom activities on the needs of each learner?  
 Not confident at all  
 Slightly confident  
 Somewhat confident  
 Fairly confident  
 Quite confident  
 Completely confident

11. Unfortunately, your school will not be able to afford a computer lab attendant this year. Instead, each teacher will be assigned two lab hours per week. How confident are you that you can manage your students' time and activities during these lab sessions?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
12. At a workshop during a statewide teachers conference you meet several teachers with whom you would like to exchange ideas and experiences during the school year. How confident are you that you can use email, blogs and/or other technologies to keep in touch?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
13. The parents of more than half your students have asked to be kept informed of class assignments and activities via regular emails or a class website. How confident are you that you can accommodate this request?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
14. Your district uses computer-based attendance records and an online gradebook. How confident are you that you can use these tools to be more productive?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident

15. A member of the PTA feels that there is too much technology in the school and states that not all technologies are equally applicable to your classroom, and not all student learning goals are well suited for technology. How confident are you that to you can effectively judge when and how to use technology to support your students' learning?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
16. In preparation for a performance review with an administrator, you are asked to critically evaluate several aspects of your teaching, including your use of technology in class. How confident are you that you can accurately do so?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
17. A speaker from the state Department of Education declares that effective teachers are also life-long learners, and that the Internet is a great source of information. How confident are you that you can use the Internet and other technology resources as part of your own lifelong learning?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
18. Not all of your students will have equal access to technology out of the classroom. How confident are you that you can identify situations where access to technology might be an issue for one or more of your students?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident

19. When some of your students do not have access to technology outside the classroom, how confident are you that you can appropriately, legally, and ethically lessen the effects of such unequal access?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
20. Your district is focusing on the integration of diversity into the curriculum. The Internet has been suggested as a way to expose students to a wide range of cultures and viewpoints. How confident are you that you can use technology (such as the Internet) to affirm diversity in your classrooms?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
21. Because students are using the Internet and other technologies in school, they must be instructed how to stay safe while getting the most from these resources. How confident are you that you can model and teach safe usage of technology, including Internet safety?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
22. Technology can help students accomplish tasks, good or ill. For example, students can find images of rare historical artifacts, but they can also illegally obtain copyrighted materials online (such as music). Telecommunications technology can bring the world into your classroom, and allows students to text one another exam answers via cell phones. How confident are you that you can model and teach ethical and legal use of technology?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident

23. Your school assigns one computer lab period every two weeks to every class, regardless of subject. How confident are you that you can create lesson plans that effectively use the lab time for student learning?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
24. A teacher in another subject has found an article that reports research on using a certain new technology in class. How confident are you that you can identify the applicable information in the article and use it in your classes?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
25. An educational software vendor gives a sales pitch to your department. How confident are you that you can evaluate their products for their suitability to your teaching environment?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
26. A vice principal is upset that the new equipment that was donated to the school is not being used. He asks if you can demonstrate proper usage at the next inservice meeting. How confident are you that you can accomplish this task?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident

27. A parent complains that a unit exam you gave was unfair and poorly written. What's worse, this parent works at a major standardized testing firm. How confident are you that you can use a spreadsheet program (or another application) to demonstrate the strengths and weaknesses of your test?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident
28. An administrator observes your class' computer lab and reports to the principal that you are not effectively using that time. How confident are you that you can provide evidence that the time you spend in the lab is effective?
- Not confident at all
  - Slightly confident
  - Somewhat confident
  - Fairly confident
  - Quite confident
  - Completely confident