

Technology in the Workplace Lesson Plan

Title: Technology in the Workplace		Grade Range: 8
Integrated Curriculum Area: Language Arts	Concepts and Competencies: Interview, Research, Oral Communication	Tool: Computer
Summary: Students research to write a speech about how technology has affected different occupations.		

Warm-up

- Make sure students have completed the EasyTech lesson **Computer Fundamentals: Software, Buttons, and Controls** and its prerequisites.
- Discuss how “work” has changed throughout history. What are some jobs that used to be popular but aren’t anymore? What are some jobs that have continued to be popular and necessary? What jobs are relatively new? Talk about how technology has impacted the evolution of jobs.

Activity

Students research the impact of technology on an occupation and write a speech about it for the class:

- Students choose an occupation.
- Students record personal observations about how technology has impacted that job.
- Students choose someone in the profession to interview, write interview questions, and take notes during the interview.
- Students find two print or electronic sources about the occupation and take notes.
- Students use their research to write a speech outline.
- Students deliver their speeches to the class and take notes on other classmates’ speeches.

Wrap-up

- What are some occupations that students are interested in pursuing? How do they think these jobs will be impacted by future technology?

Extension

- Have students write a short report about the occupation and type it using a word processor.

Name: _____

Technology in the Workplace Activity Page

Technology applications have changed the way people work. Choose an occupation to research:

Gather information about how technology has changed that occupation.

First, think about how you have seen technology impact the occupation. How has it changed the way workers organize information and complete daily tasks? Record your personal observations in the space below. (Use a separate piece of paper if necessary.)

Personal Observations Notes

Find two print or electronic sources that provide you with more information about the occupation and how technology has impacted it. Record your sources and notes below:

Source 1

Research Notes

Source 2

Research Notes

Technology in the Workplace Model

Technology applications have changed the way people work. Choose an occupation to research:

Dentist

Gather information about how technology has changed that occupation.

First, think about how you have seen technology impact the occupation. How has it changed the way workers organize information and complete daily tasks? Record your personal observations in the space below. (Use a separate piece of paper if necessary.)

Personal Observations Notes

- Charts are stored on the computer rather than in paper files
- Appointments are kept in an electronic database
- X-rays are digital rather than on film

Think of someone who is in the profession. Interview this person to better understand how technology has impacted their job.

The person I will interview is:

Dr. William Anthony

Think of a list of three to five questions you can ask this person that will help you understand how technology has affected his or her job.

How do you use technology applications in your job?

What did you use before you used this software?

How has it made your job easier or harder?

Take notes during the interview in the space below. (Use a separate piece of paper if necessary.)

Interview Notes

- Use technology to record patients' charts, make referrals, record insurance information, schedule appointments, sterilize equipment, and take digital x-rays
- Before technology, used paper, files, telephone, and date book
- Technology makes it easier to locate information, store information, take notes, and be more efficient
- Still need a way to keep track of signed patient agreements on the computer, though
- "Technology has revolutionized the dental profession."

Find two print or electronic sources that provide you with more information about the occupation and how technology has impacted it. Record your sources and notes below:

Source 1

Nozawa, Randall. Inside Dentistry: Everything You Need to Know. Elfin Cove Press: Bellevue, 2000.

Research Notes

- Dentist use modern technology to learn more about how teeth are related to overall health
- Technology helps dentists organize information

Source 2

<www.drkothuri.com/technoo.htm>. 2003.

Research Notes

- Digital x-rays use only 2% of the radiation that traditional x-rays use and the images are available quicker
- Intra oral cameras take live pictures and video inside the mouth

Technology in the Workplace Rubric

Student Evaluation

Activity Page:

- _____ An occupation is chosen to research
- _____ Personal observation notes are listed
- _____ Appropriate interview subject is chosen
- _____ Three to five questions for interview are listed
- _____ Notes are taken from interview
- _____ Two print or electronic sources are found and cited
- _____ Notes from sources are taken
- _____ Outline for speech is completed
- _____ Notes from classmates' speeches are taken

Speech:

- _____ Appropriate speed, clarity, and volume is used
- _____ Ideas are organized
- _____ Speech is two to three minutes long

Teacher Evaluation

Activity Page:

- _____ An occupation is chosen to research
- _____ Personal observation notes are listed
- _____ Appropriate interview subject is chosen
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