What is Technology?

MRS. WORTHEY - TECHNOLOGY
Standard: Technology Operations and Concepts
6abcd- TSW demonstrate an understanding of technology.

Essential Question:
What is technology?
What are the parts of the computer?

Learning Target:
I will know that technology is anything used to solve a problem and make life easier.
I will know the parts of a computer.
Technology Vocabulary Words

- USB flash drive
- design
- mouse
- keyboard
- icon
- inventions
- idea

- webcam
- mobile devices
- speakers
- microphone
- browser
- plan
- improve

- monitor
- engineer
- central processing unit (CPU)
- menu bar
- evolve
Anything that can be used to solve a problem.

Tools that make life easier!
Is this technology?

► Why?
► Yes
Is this technology?

- Why?
- Yes
What are the parts of a computer?
What are the parts of a computer?

Flash Drive
Web Camera
Camera Phone
Brain Pop Jr.’s Parts of a Computer
What is Technology Project (K-2nd)

Choice #1
Organize at least 10 of the Technology vocabulary words in ABC order. Change the font, font size and color for each word.

Choice #2
Select 5-10 vocabulary words to use in complete sentences.

Choice #3
Create a word search using at least 15 of the Technology vocabulary words.

Choice #4
Investigate and assess various forms of technology and explain why you selected it.

Choice #5
Computer Literacy activities- Find the Technology, Technology Quiz Bowl, Technology & Engineering and Tech
# Mrs. Worthey’s Instructional Resources

## Instructional Resources

### Technology Rotation Resources

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- Basic PowerPoint
- Digital Citizenship
- Internet Safety
- Digital Citizenship
- Internet Safety
- Basic PowerPoint
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- Basic PowerPoint
- Internet Safety

*Note: For digital citizenship, visit [Privacy, Security, and Cyber Safety](#) for more information.*
What is Technology?
Standard: Technology Operations and Concepts
6abcd- TSW demonstrate an understanding of technology.

Essential Question:
What is technology?
What do you think life was like before the invention of the personal computer?

Learning Target:
I will know that technology is anything used to solve a problem and make life easier.
I will be able to reflect about life before personal computers.
Technology Vocabulary Words

- USB flash drive
- design
- mouse
- keyboard
- icon
- inventions
- idea
- webcam
- mobile devices
- speakers
- microphone
- browser
- plan
- improve
- monitor
- engineer
- central processing unit (CPU)
- menu bar
- evolve
Reflective Questions

1. What is technology?
2. How has technology evolved?
3. What do you think life was like before the invention of the computer?
Technology is actually...

- Anything that can be used to solve a problem.
- Tools that make life easier!
Is this technology?

► Why?
► Yes
Is this technology?

► Why?
► Yes
What was life like before the personal computer (PC)?

- People went outside more.
- Polaroid cameras allowed you to see your pictures instantly.
- Wrote letters and sent them in the mail.
- Copies were made using Carbon Copy paper.
Inventors of the Personal Computer (PC)

Steve Jobs and Steve Wozinak invented the Apple computer in 1976.

Dr. Mark Dean improved the PC by inventing the color PC monitor, the first gigahertz chip, Industry Standard Architecture (ISA) systems bus, a new system that allowed peripheral devices like disk drives, printers, and monitors to be plugged directly into computers.

The Microsoft team in 1975; Bill Gates is bottom left and Paul Allen is bottom right invented the first PC kit.
Choice #1: Find examples at home, school, outside or on the Internet that represent a form of technology according to the definition- Technology is anything that can be used to solve a problem. Technologies are tools that make life easier! Draw, cut out of a magazine or take pictures and summarize your findings.

Choice #2: Interview 3 different people- teenager, adult, senior citizen. Ask them the 3 questions above and include 1 more of your own questions. Record their responses. Summarize your findings.

Choice #3: Write/type a paper about a career in the technology field. Please include where you got your information from.

Choice #4: Create a PowerPoint with at least 5 representations of technology, explaining how each is used to solve a problem.

Choice #5: Create a website about the evolution of technology. Choose one item (ex. computers, shoes, cell phones, pencil sharpener, light sources, etc.) and explain how it has evolved over time. You may use https://www.weebly.com to create your website!

Choice #6: Technology activities- Find the Technology, Technology Quiz Bowl & Engineering and Tech
### Mrs. Worthey’s Instructional Resources

**Technology Rotation Resources**

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- Crossword Puzzles
- Student Checklists
- A.R.T. II Resource Letter to Dr. Golden Template
- Digital Citizenship and Internet Safety: Teachnical Info
- Internet Safety: Teachnical Info
- What is Computer Literacy Cycle 1 PowerPoint
- Creative Commons Projects Utilized
- Digital Citizenship Workshoor in the Classroom
- 21st Century Literacy in World at Cloud

**Writing Resources**

- A.R.T. II Lessons
- Teaching the English Language
- guided & Independent Learning

**Math Resources**

- Math Strategies
- Math Problems
- Math Games

**Science Resources**

- Science Units
- Science Experiments
- Science Tools

**Social Studies Resources**

- Social Studies Projects
- Social Studies Lessons
- Social Studies Videos

**English Resources**

- English Lessons
- English Writing Prompts
- English生字练习

**Technology Resources**

- Computer Literacy
- Digital Citizenship
- Technology Projects

**Music Resources**

- Music Lessons
- Music Theory
- Music Composition

**Art Resources**

- Art Lessons
- Art Projects
- Art History

**Physical Education Resources**

- Physical Education Lessons
- Physical Education Games
- Physical Education Skills

**Health Resources**

- Health Lessons
- Health Information
- Health Safety

**French Resources**

- French Lessons
- French Vocabulary
- French Culture

**Spanish Resources**

- Spanish Lessons
- Spanish Vocabulary
- Spanish Culture

**German Resources**

- German Lessons
- German Vocabulary
- German Culture

**Russian Resources**

- Russian Lessons
- Russian Vocabulary
- Russian Culture

**Chinese Resources**

- Chinese Lessons
- Chinese Vocabulary
- Chinese Culture