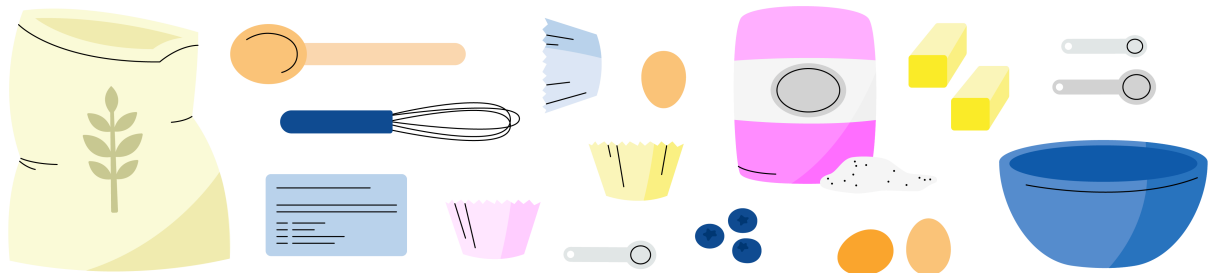


Software

Textbook

Software



Think about a recipe for cookies. It tells you exactly what to do and how to do it. Software is like a recipe for a computer! It tells the computer what to do.

Without software, your computer wouldn't know how to show videos, let you type, or play games. Let's look at some software programs that help computers work.



- **Microsoft PowerPoint:** This software helps people make presentations for school or work. It puts facts on slides, so it's easy to show to others.
- **Google Slides:** This software is good for working on projects with others and for showing things in class. It works if you have internet.
- **Microsoft Word:** You can use this software to write papers or make reports.
- **Google Docs:** This software is also for writing papers and for working with others. Teachers use it to make lessons and share papers.
- **Photo Apps:** These apps let you change and make your pictures better. You can add effects or crop them.
- **Google Chrome:** This program helps you get on the internet. With Chrome, you can visit websites,

watch videos, play games, and find facts.

Software and Hardware: A Dream Team

Remember hardware? That's all the parts of your computer you can touch, like the keyboard and screen. When you open an app, the software sends messages to these hardware parts. The computer's memory works on your job, and the hard drive finds files. What you see on the screen and hear from the speakers happens because hardware and software work together. Software tells hardware what to do.

System Software or Application Software?

Not all software does the same thing! There are two main types: system software and application software.

- **System Software:** This is the main software that helps the computer run. It's like the boss program that sets up everything. Your computer's operating system (like Windows or iOS) is system software. Without it, your computer would not even turn on or open your games!
- **Application Software:** This is the software you use for certain jobs. A video game, a drawing program, a program to write stories, or an app to watch videos – these are all application software. They help you do tasks, but they need system software to be working first!

Hardware vs. Software: The Big Difference

Hardware and software are both needed for a computer to work, but they are very different!

- **Hardware:** You can see and touch hardware. It's the parts that do the work (like the screen showing pictures, or the speaker making sound).
- **Software:** Software is not physical. It is just directions or code. It tells the hardware what to do.

Think about a music player: The player itself (the thing you hold) is hardware. But the songs on it are software! You need both the player and the songs for the music to play.

Critical Thinking Questions

1. How do software and hardware work together? Why is this important? How does this affect what a computer can do?
2. People use computers for many different jobs. How does having special software make those jobs easier?

Questions (5)

1. What do we use Microsoft PowerPoint and Google Slides for?

MULTIPLE CHOICE

Choose the correct answer:

- A. Editing photos
- B. Writing essays
- C. Making presentations
- D. Watching videos

2. What type of software is Google Chrome?

MULTIPLE CHOICE

Choose the correct answer:

- A. A photo editing app
- B. A word processing program
- C. A web browser
- D. A presentation tool

3. True or False: Microsoft Word can be used for writing papers and taking notes.

MULTIPLE CHOICE

Choose the correct answer:

- A. True
- B. False

4. What do photo apps help you do with pictures you take with cameras or phones?

MULTIPLE CHOICE

Choose the correct answer:

- A. Write captions
- B. Edit and improve
- C. Print on paper

5. Which software allows you to visit websites, search for information, watch videos, and play games online?

MULTIPLE CHOICE

Choose the correct answer:

- A. Google Slides
- B. Microsoft PowerPoint
- C. Google Chrome
- D. Microsoft Word

Games (3)

1. Hardware vs Software Category Game

Full Screen

Audio

Instructions

Answer Key

Pause

Clear All

Check Order

Attempts: 0

Printer

Powerpoint

Mouse

Keyboard

Hard Drive/Memory

Word Processor

Apps

Screen

Chrome

Internet browser

Music Library

Fan

Hardware

Software

2. Software Typing Game

Full Screen

Audio

Instructions

Restart

Pause

0s

100%

When you click on an app

3. Software Matching Game

Full Screen

Audio

Instructions

Answer Key

Pause

Clear All

Check Matches

Attempts: 0

Microsoft PowerPoint

Google Slides

Microsoft Word

Photo Apps

Google Chrome

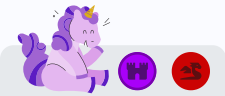
People use this tool to make presentations for school projects, teaching lessons, or sharing information in meetings.

People use this tool for writing assignments and creating documents like resumes or newsletters.

Students and teachers use this tool for group projects, class presentations, and sharing ideas.

This tool lets you visit websites, search for information, watch videos, and play games online.

People use these tools help you edit and enhance pictures you take with cameras or phones.



Answer Keys & Solutions

Questions

1. What do we use Microsoft PowerPoint and Google Slides for?

MULTIPLE CHOICE

Correct Answer:

- A. Editing photos ✗ Incorrect
- B. Writing essays ✗ Incorrect
- C. Making presentations ✓ Correct
- D. Watching videos ✗ Incorrect

Explanation:

They help organize ideas and show them to others in a slideshow format.

2. What type of software is Google Chrome?

MULTIPLE CHOICE

Correct Answer:

- A. A photo editing app ✗ Incorrect
- B. A word processing program ✗ Incorrect
- C. A web browser ✓ Correct
- D. A presentation tool ✗ Incorrect

Explanation:

It acts like a digital window to the internet, allowing you to visit websites and search for information.

3. True or False: Microsoft Word can be used for writing papers and taking notes.

MULTIPLE CHOICE

Correct Answer:

A. True

✓ Correct

B. False

✗ Incorrect

Explanation:

It can be helpful for organizing schoolwork.

4. What do photo apps help you do with pictures you take with cameras or phones?

MULTIPLE CHOICE

Correct Answer:

A. Write captions

✗ Incorrect

B. Edit and improve

✓ Correct

C. Print on paper

✗ Incorrect

Explanation:

These apps let you change colors, add filters, and crop photos to make them look better.

5. Which software allows you to visit websites, search for information, watch videos, and play games online?

MULTIPLE CHOICE

Correct Answer:

A. Google Slides

✗ Incorrect

B. Microsoft PowerPoint

✗ Incorrect

C. Google Chrome

✓ Correct

D. Microsoft Word

✗ Incorrect

Explanation:

It's like a digital window to explore the internet and lets you open multiple tabs for different websites.

1. Hardware vs Software Category Game

Category Solutions:

Category 1: Hardware

- Keyboard
- Screen
- Hard Drive/Memory
- Fan
- Printer
- Mouse

Category 2: Software

- Powerpoint
- Apps
- Internet browser
- Word Processor
- Chrome
- Music Library

Scoring:

- Gold: 1 attempts or fewer
- Silver: 2 attempts or fewer
- Bronze: 3 attempts or fewer

Students must sort items into their correct categories.

2. Software Typing Game

Typing game - no answer key needed. Students practice typing the provided content.

3. Software Matching Game

Matching Game Solutions:

1. →
2. →
3. →
4. →
5. →

Students must drag items from the left to match with corresponding items on the right.