

Grade 7S Information Technology - Handout: Application Software

What is Application Software?

Application Software is a type of computer program that is designed to help users perform specific tasks or solve problems. It is different from system software (like Windows or macOS) which runs the computer itself.

Think of it like this:

If the computer is your body, and the operating system is your brain, then application software is like your hands and tools - they help you do things!

Types of Application Software

Type	Examples	Use
Word Processors	Microsoft Word, Google Docs	Writing essays, letters, reports
Spreadsheets	Microsoft Excel, Google Sheets	Organizing data, doing calculations
Presentation Software	PowerPoint, Google Slides	Making slideshows
Database Software	Microsoft Access, MySQL	Managing large amounts of data
Graphics Software	Adobe Photoshop, Paint	Editing pictures or creating art
Web Browsers	Google Chrome, Firefox	Accessing the Internet
Multimedia Players	VLC, Windows Media Player	Playing music and videos
Educational Software	Duolingo, Scratch	Learning new skills
Games	Minecraft, Roblox	Entertainment and fun

General Features of Application Software

- Easy-to-use interfaces (buttons, menus, etc.)
- Help users perform real-world tasks
- Can be installed on a computer or used online
- Can be free (open-source) or paid

Examples in Real Life

Examples in Real Life

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Situation	Application Software Used
Writing a report for school	Microsoft Word
Calculating class averages	Microsoft Excel
Making a slideshow for a project	PowerPoint or Google Slides
Designing a school poster	Canva or Photoshop
Learning how to type	TypingClub or Mavis Beacon

Application Software vs System Software

System Software	Application Software
Runs the computer (e.g., Windows)	Helps users perform tasks (e.g., Word)
Controls hardware and system	Interacts with the user
Runs in the background	Runs when the user opens it

How Do We Get Application Software?

1. Download from the Internet - e.g., Google Chrome
2. Install from a CD or USB - e.g., Microsoft Office
3. Use Online (Web-based Apps) - e.g., Google Docs, Canva
4. Download from App Stores - e.g., Mobile apps like Duolingo

Tips for Using Application Software Safely

- Always update your software to the latest version
- Don't download programs from untrusted websites
- Use antivirus software to scan new apps
- Don't share personal info in unknown apps

Summary

- Application Software helps us do tasks like writing, calculating, creating, and playing.
- There are many types, each designed for different uses.
- It works with the operating system but focuses on what the user wants to do.

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- Always use software safely and responsibly!

Homework / Review Activity

Answer the following in your notebook:

1. Define application software in your own words.
2. List three examples of application software you have used.
3. What type of application software would you use to:
 - a. Make a chart?
 - b. Edit a picture?
 - c. Create a slideshow?
4. What are some risks of downloading unknown apps?