

Objective

By the end of this lesson, you will be able to successfully build your own PC from scratch.

Materials and Prep

Materials needed: CPU, motherboard, RAM, storage drive, power supply, case, screws, screwdriver.

Prior knowledge: Basic understanding of computer components and how they work together.

Activities

1. Identify and understand each component of a PC by researching online.
2. Practice assembling and disassembling a PC using a virtual simulator.
3. Create a checklist of steps to follow when building a PC.

Talking Points

- **Introduction:** "Today, we're going to learn how to build our very own computer, piece by piece."
- **Components:** "Each part of a computer, like the CPU and motherboard, has a specific job to make the computer work."
- **Assembly:** "Carefully handle each component and follow the instructions to connect them together."
- **Troubleshooting:** "If something doesn't work, don't worry! We can troubleshoot and fix it together."
- **Finishing Touches:** "Once everything is connected, we'll power on the PC and see our hard work come to life!"