Final Project - Build a Custom PC

Work with the tech coach to plan and build a custom PC that meets a specific budget and set of requirements. If the budget allows for it, we'll actually build a completely new system from scratch. Otherwise, we'll just practice by taking apart an older PC and putting it back together as if it were brand-new. Either way, you should go through all the planning and part-selection steps just as you would for a fresh build.

Planning

Determine what the PC will primarily be used for and identify the hardware that fits those needs.

Use [PCPartPicker](#) to help narrow down your choices and stay within your budget.

Share your final parts list with the Tech Coach.

Building

Once you have your components (whether newly purchased or from the disassembled PC) follow the [PC Building Guide](#) step-by-step to build the PC under the tech coach's supervision.

Take photos throughout the building process and document each stage.

Install an operating system and test all the hardware to make sure everything works properly.

Presentation

Show off the completed PC, explain why you choose each component, and talk about any challenges you encountered during assembly.