

You will work together with a small group to disassemble, catalog, organize and reassemble a personal computer. You will also attempt to get the computer to operate off the network, (if you can get Windows to install you're awesome!)

Learning Goal: Demonstrate an understanding of various hardware devices, including the motherboard and CPU, input and output devices, and storage devices, and how all parts come together to operate a personal computer.

Success Criteria:

- I will safely and responsibly disassemble a personal computer
- I will label and catalog all parts in a table within Microsoft Word
- I will include information in my table for the part, it's brand, and any other information about the component
- Components that I need to find are:
 - Case
 - Hard Drive (may not be available in all computers)
 - Optical Drive
 - Video Card
 - Any Other Cards (Sound Card, Network Card, etc)
 - Motherboard
 - Power Supply Unit
 - CPU (**DO NOT REMOVE CPU FROM MOTHERBOARD**)
 - BUS Cables
 - RAM
- I will reassemble the various components of my computer and attempt to get the computer working.

Sample Table:

COMPONENT NAME	BRAND/IDENTIFIER	DESCRIPTION	PHOTO	VALUE (COST)

MARKING:

Knowledge (Various Components / Creation of Table)

1 2 3 4 5 6 7 8 9 10

Application (Putting Ideas Together / Making Computer Work)

1 2 3 4 5 6 7 8 9 10