

ICS3C/3U - Parts of the Computer Lab

- Goals:** → Use the correct terminology to identify the hardware that makes up the computer.
 → To be able to explain the importance of each piece of hardware and the function it performs.

- Success Criteria:** → In small groups, carefully disassemble and reassemble the main box of a computer.
- Identify and label each piece of hardware and record a brief description (possible picture) of the item.
 - Label each piece of hardware with a piece of tape labelled with the letter corresponding to the item name and description in your chart. Once the item is identified, record the importance and function of the item.
 - Create a similar table to the one below in a word processor to record all of the information:

	Item	Description	Function	Importance
A	RAM			
B	CPU			

- Other items that have to be labelled are: hard drive, CD drive, bios, RAM, battery, power supply, systemboard (motherboard), sound card (if appl.), bus cables, expansion slots and **anything else you see fit**. (These 10 items are the minimum requirements, there are other components that are expected to be included). Not all the machines have the exact same components but all contain the same basic components.
- The lab is considered to be complete when the computer is completely reassembled correctly and the teacher has corrected the labels you have placed on the computer. Submit **one** copy of the table with a title page per group.

Evaluation:

	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Level 4</i>
Knowledge/ Understanding	Most of the parts are listed and some are correctly described and explained	Most of the parts are listed and most are correctly described and explained	Most of the parts are listed and all the listed parts are correctly described and explained	All of the parts are listed and all are correctly described and explained
Application	Disassembled and reassembled the computer properly and labelled more than half of the appropriate most of the parts.	Disassembled and reassembled the computer properly and labelled most of the appropriate most of the parts.	Disassembled and reassembled the computer properly and labelled all the appropriate parts.	Disassembled and reassembled the computer properly and labelled all the appropriate parts with extras.
Communication	Few descriptions and explanations are concise, clear and easy to understand.	Some descriptions and explanations are concise, clear and easy to understand.	Most descriptions and explanations are concise, clear and easy to understand.	All descriptions and explanations are concise, clear and easy to understand.

