

Jigsaw Group Worksheet – Chapter 2: Computer Hardware

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Class/Group: GROUP 1

Instructions:

As you meet with each expert from the subtopics, listen carefully and complete the table below. You should finish with a summary of all 6 subtopics.

Summary Table

Subtopic	Key Points (Write 2–3 key facts)	Expert's Name
1. Introduction to Computer Systems & Hardware	<ul style="list-style-type: none">-Difference : hardware - physical elements of computer software - collection of instruction that tell computer to perform a task-Importance of hardware : data storage, input & output operation, performance.-Example of input device : keyboard, scanner, webcamExample of output devices : printer, monitor, speaker.	AFIQ ZAQWAN AINA IRDINA FATIN SYAHIRAH
2. Input and Output Devices	<ul style="list-style-type: none">-Definition Input : provide data and control signals to computer-Definition Output : Display / physical reproduce the result of the computer processing-Input devices allow user send data to computer and output devices allow computer present processed data to user.	IZWAN
3. System Unit and Its Components	<ul style="list-style-type: none">-Motherboard is the main circuit board that all the components are connected like CPU, RAM.-CPU consists of several main components : Control Units (CU), Arithmetic Logic Unit (ALU) and Register-Arithmetic Logic Unit handle mathematical calculation and logical comparisons.	ARUL
4. Storage Devices	<ul style="list-style-type: none">-Storage device in computing is the process of saving and retaining data.-Example of storage devices : Hard disk drive, Solid state drive, cloud storage, Google drive.-Primary storage : RAMSecondary storage :HDD, SSD	LEAVINISH
5. Ports and Connectors	<ul style="list-style-type: none">-Ports : socket for connecting external devicesConnectors : plug or cable that go into ports.-Ethernet (RJ45) - for High speed networking-VGA&DVI - for connection to monitor	AARON
6. Care and Maintenance of Computer Hardware	<ul style="list-style-type: none">-The importance of maintaining hardware are to extended lifespan of hardware so it can prevent of wear and tear.-Few tips of computer proper care -update OS, organize data, and clean CPU and other peripherals-Before cleaning any components and computer, we need to properly turn off the computer	NUR FARHA



Reflection (Answer in 1–2 sentences)

1. Which subtopic did you find most interesting, and why?

Ports and connector are interesting because there are many types of ports that i learn,
such as S?PDIF (for audio), telephone line, and FM reception (frequency modulation)

2. What is one thing you learned today that surprised you?

- Diskette / Floppy disk is a removable storage media used to store data on
computer before compact disk (CD) exist.
