DEPARTMENT OF EDUCATION- NATIONAL CAPITAL REGION SCHOOLS DIVISION OF PASAY CITY

MODULE IN TLE 9 (COMPUTER SYSTEM SERVICING)

First Grading / Week 3 / Day 1

Name of Student:	 Grade and Section:	
Name of Teacher:		

Objectives:

Assemble computer hardware in accordance with established procedures and system requirements.

- Determine the process of assembling computer system unit.
- Arrange in sequence the procedures in assembling computer system unit.

Lesson: Computer Assembly





Now that you have the skills in disassembling a personal computer, I believe that you are ready to take another step of this module which is assembling a personal computer. All you need to do is to follow the step by step procedures provided in this module.

Here are the steps in assembling a computer system.





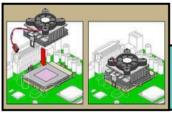
workplace



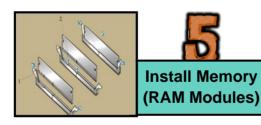
Prepare the motherboard





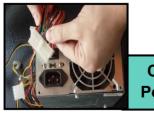




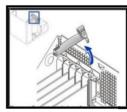




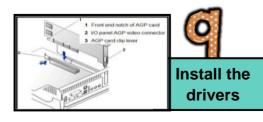














REFERENCES FOR FURTHER ENHANCEMENT

- Book/Module: TLE ICT Computer Hardware Servicing 9, page 73
- Book: Understanding PC Hardware, page 67
- YouTube: https://www.youtube.com/watch?v=zxxtXmCZWss

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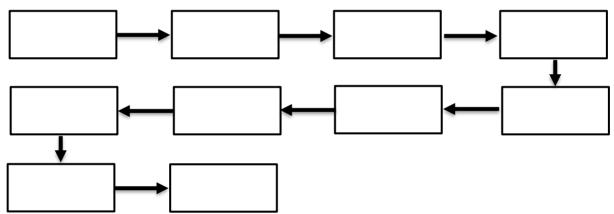
Remember the following things before assembling the computer system unit.

- In preparing your workplace you need to consider the following: Take Inventory, make space, make time, prepare grounding protection, and have the drivers and tools ready.
- Assemble the computer system when you have enough uninterrupted time and all components are ready. Do not be in a hurry.
- Patience and gentleness are important. Be careful when putting things together
- Keep all your devices in their anti-static bags until such time that you will be installing them as static electricity can destroy components.
- Before you secure the motherboard onto the PC case/chassis, inspect it carefully for any visible defects.
- Always observe to follow all the safety precaution and wear personal protective equipment to avoid necessary damage and injury.
- Handle the component with care. Hold the component such as RAM module by its edge, not in pins.
- In connecting the power supply, it requires attention to detail and can be quite frustrating if you do not go into it with the right attitude.
- When attaching cables, never force a connection.
- When installing the card, hold the card by the bracket, not by the circuit board, chips or card connector.



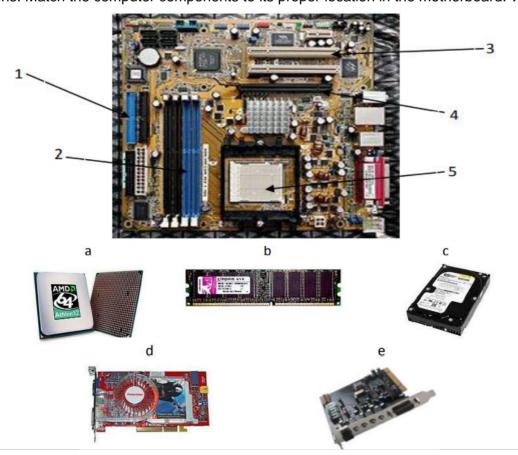
EXERCISE 1: SEQUENCING

Directions: Arrange the following procedure according to proper order. Write your answers on the boxes below.



EXERCISE 2: MATCH UP

Directions: Match the computer components to its proper location in the motherboard. Write the letter only.



		PASAY-G9-Q1-W2-D1
Name of Stud	udent: Gra	de and Section:
Name of Tea		
Directions: Re Personal Cor	3: REARRANGE THE PROCEDURE Rearrange the procedure in their proper order. Use computer Assembly B. Prepare your workplace	numbers before their order of precedence.
	. Install the Drivers	
С.	. Prepare the motherboard	
	. Install Memory or RAM	
_	Install the CPU Fan	
	Install the CPU Install the Add-in Cards	
	. Connect the Power Supply	
	Place the Motherboard into the case	
	Install Graphics / Video Cards	
THINGS TO RI		នាំ
Computer Ass	•	
	e starting computer assembly, make sure to prepare all make the computer when you have enough uninterrupted	
	nce and gentleness are important.	i lille and do not be in a nurry.
	ys observe safety precaution and procedure in dealing w	ith computer.
EVALUATION	ON: MATCHING TYPE	
	Read each statement carefully and write TRUE if the	e statement is true, otherwise FALSE
	. Keep all your devices and computer components	
	. Prepare grounding protection and have the comp	
	. Do not work on a computer when you are wet be	
	. Follow the safety precaution to avoid unexpected	
	. Install internal devices of the computer only when	
	Hold the component such as memory or RAM m	
	 When installing the card, hold the card by the bra When attaching cables, always force a connection 	

ESSAY

certain damages.

visible defects

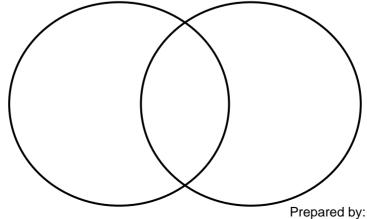
Directions: Express your insights or opinions about the following questions. Write your answers after each question.

_9. Applying safety measure when handling tools and computer component is optional to avoid

_10. Before you secure the motherboard onto the PC case/chassis, inspect it carefully for any

unit?				

2. In a Venn diagram illustrate the similarity and difference between Disassembling and Assembling system unit.



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