



WEEKLY HOME STUDY PACKAGE - WEEK 5 (02/08/21 – 06/08/21)

Subject	Computer	Year/Level	11
Strand	CE 1-Computers and Applications		
Sub-strand	CE 11.1.3 Green Computing		
Content Learning Outcome	Analyze the positive impacts of green computing		

LESSON NOTES:

WAYS TO REDUCE ENERGY CONSUMPTION- CONTINUED

6. Turn off peripherals

- Turn off peripherals such as printers, scanners and speakers when not in use.
- Avoid invisible power use by plugging all your electronics into one power strip and turning the strip off when you are finished using your computer.

7. If it's not being used, shut it off

- Keeping multiple applications open slows down your computer and drain up the battery life.

- If you no longer need that application, close them.

8. Watch for program compatibility

- Many popular computer games and other third party software packages that run in the background will not allow the computer to go to sleep - even if they are paused or the active window is minimized.
- They must be closed, or the computer put manually into a sleep state.

CONSERVATION OF RESOURCES (4R'S)

1. Reduce

- Reducing waste saves energy, reduces the waste that ends up in landfill or incinerators and saves valuable resources and raw materials.
- Use or buy only what we really need - there is no waste to treat when there is no waste to begin with.

2. Reuse/ Refurbish

- By reconditioning and replacing IT hardware parts user can prolong its utilization.
- Old equipment can be restored in order to maintain its functions; it also can be upgraded for obtaining new serviceability.
- Reasons of such actions can be motivated by lower cost of refurbished equipment.

ACTIVITY

1. Describe 2 ways to reduce energy consumption.

_____ (4 marks)

2. Define the term program compatibility.

_____ (1 mark)

3. Discuss the term conservation of resources.

_____ (2 marks)

4. List the 4 R's of conserving resources.

_____ (4 marks)

5. Differentiate between reduce and reuse.

_____ (2 marks)