

## Computer Hardware

**WebQuest Description:** The purpose of this exercise is to help students become aware of computers and the different peripheral devices. Students will be able to explain each peripheral and categorized them based on their similarities.

**Grade Level:** 9-12

**Curriculum:** Technology

**Keywords:** System unit, Monitor, Microphone, speakers, mouse, keyboard and other peripheral devices, input devices, output devices and storage devices

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### Introduction

Kim is a student at the Port Antonio High School who have never interacted with a computer. All she knows is that the computer is made up of different parts. One day, Kim was very curious and wanted to know how and what makes a computer work. What could you tell Kim about the computer?

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### Tasks

In your note book you are asked to name the different parts of a computer and explain the purpose of the different parts. Identify and explain&nbsp;other devices that you can attach to your computer&nbsp;and explain the purpose of them as well.&nbsp;Base on the purpose you have discovered for each device, you are going to group the devices according to there similarities. Explain why you have grouped the devices the way you did.

Follow the links below to get additional reading:

<http://www.coolnerds.com/Newbies/Hardware/hardware.htm>

[http://www.kidsdomain.com/brain/computer/lesson/comp\\_les1.html](http://www.kidsdomain.com/brain/computer/lesson/comp_les1.html)

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### Process

To complete this assignment you will be asked to work in pairs to find out the purpose of the different parts. At the end you will do a 10 minutes presentation to your class about any two of the devices from one of the category outline. Ensure that you have pictures as well as advantages and/or disadvantages of using the device.

At the end of presenation, students will complete a worksheet

### Evaluation

You will be evaluated based on the rubic below. The assignment is marked out of 50. Good luck

| Category and Score  |  |                                     |   |  | Score |
|---------------------|--|-------------------------------------|---|--|-------|
| Definition of terms | All terms correctly defined                          | Most terms correctly defines        | Some terms correctly defined                                    | A few terms correctly defined                      | 25%   |
| Identify categories | All three categories of devices have been identified | Two categories have been identified | Categories listed but devices not placed under correct category | HArdware devices listed but no category identified | 25    |
|                     |  |                                     |   |  |       |
|                     |  |                                     |   |  |       |
|                     |  |                                     |   | Total Score  |       |

### Conclusion

Now you should have gained the basic knowledge about computers as it related to the different&nbsp;peripherals and the purpose of each, as well as the different categories of these&nbsp;devices.

I know this knowledge will help Kim and others to learn be aware.  
I hope&nbsp;you had fun!!!!!!

## Teacher Page

This webquest was designed for individuals to know the basic parts of a computer system and the different peripherals that may be attached to a computer. The key questions to be answered in this quest are:

What is a computer system?

What are peripheral devices and their uses?

What are the different categories of devices?

Individuals will find this webquest useful as from the findings and activity they will gain useful information that will help them in today's changing society. However, the teacher will ensure that whether tasks are done individually or in group at the end of the exercise all students would have satisfied the objective of the lesson.

### **Standards**

### **Credits**

### **Other**