Computers Demystified

Objective

The objective of this lesson is to demystify the operations of the computer. The lesson is geared towards the middle school student to teach them how the computer works. Most of the students know how to use applications on the computer; however, few know why they work and what is needed to get the output they desire. By the end of this lesson, students will be able to:

1. Know the difference between input, output, applications, storage and processing components of the computer.
2. Identify parts inside a computer.
3. Identify components of a computer as input, output, applications, storage, and processing.

Materials

Board Display

• Board
• CD and DVD roms
• Software CD
• Images of computer diagram
• Labels for input, output, applications, storage, and processing
• Definition page
• Diagram page

Table Display

• Computer
• Keyboard, mouse
• Camera, scanner or printer
• Monitor
Procedures

1. Set up the table display with components. The display is a tri-fold so it should stand on any table or desktop.

2. On the computer casing, remove one of the outside covers showing the inner components of the computer.

3. Each student should complete the tract on Basic computers before attempting the matching section of the display.

• The matching game consists of attaching labels to various aspects of the display. Each component can be described as an input, output, application, storage or processing component. Definitions are on the board as a reference for the students.

• Images: