



# AACPS Digital Citizenship

## Lesson Title: Input and Output Devices

## Grade 1

**Time:** 30 minutes

**Overview:** Students will learn about input and output computer devices and their functions.

**Objectives:** Students will match pictures of computer devices with their name. Students will identify the function of the computer device.

### Materials:

Computer and LCD projector

SmartBoard Notebook  
Software or PowerPoint

**Web Resources** > Tech  
Connections> Digital  
Citizenship> Grade 1 > Input  
Devices and Output Devices  
(If the SmartBoard Notebook  
software is available select  
the SmartBoard Lesson. If it  
is not available select the  
PowerPoint version)

**Activity Sheet:** *Input Devices  
and Output Devices*

## Maryland Technology Literacy Standards for Students (MTLSS)

**Standard 1.0 – Technology Systems:** Foundation in the use and understanding of technology

### Activities:

#### Introduce:

Teacher -Go to Web Resources/Tech Connections> Digital Citizenship and find this lesson. Click on the SmartBoard Notebook Lesson or the PowerPoint Version: *Input Devices*.

Tell students that today they will be learning about the input devices of a computer. They will also learn about their functions or what they do.

Click on the third notebook page/slide. Discuss the **Input Devices: microphone, camera, keyboard, and mouse**. Ask students to describe what each of these devices do. For example, the microphone helps to record a sound; the camera takes pictures; the keyboard helps us type letters, numbers and special keys; and the mouse is used to open and close files by pointing and clicking.

The next few notebook pages/PowerPoint slides will review Input Devices and their functions. If a SmartBoard is available, students may come to the board to complete the activities. If a SmartBoard is not available, students may come to the computer and use the mouse to complete the activities. **(Please note that the SmartBoard Notebook will work with just the notebook software, you do not have to have a SmartBoard)**

The next part of the SmartBoard notebook/Powerpointslides will discuss the **Output Devices: headphones, monitor, printer, cd-compact disc, and speakers**. Ask students to describe what each of these devices do. For example, the headphones help to hear a sound on the computer; the monitor is a screen on which words, numbers, and graphics can be seen takes pictures; the cd may have a program that we can use or it may help us save our work; speakers allow the sound to be heard from the computer.

The next few notebook pages/PowerPoint slides will review Input and Output Devices and their functions. If a SmartBoard is available, students may come to the board to complete the activities. If a SmartBoard is not available, students may come to the computer and use the mouse to complete the activities. **(Please note that the SmartBoard Notebook will work with just the notebook software, you do not have to have a SmartBoard)**

### **Close**

Distribute the Activity Sheets, *Input* and *Output Devices*. Ask students classify the computer devices as input or output devices. Ask students to describe the differences between input and output devices.

### **Extend**

Students may write a sentence about an input or output device.

## Input and Output Devices

Label the pictures as **Input** or **Output**. What output device is missing? Draw a picture of it on the back of this paper.

