

Instructional Scenario

Input, Output, and Storage Devices



Course/Duty Area: Keyboarding/Understanding Computer Basics

Scenario:

You have been assigned to explain input, output, and storage devices to first graders. You have decided to use Play-Doh to create and explain these devices. The first-grade students will then create their own devices using Play-Doh.

Big Question: What are input, output, and storage devices, and how do they help in computing?

Focused Questions:

- What is an input device? What are examples of input devices?
- What is an output device? What are examples of output devices?
- What is a storage device? What are examples of storage devices?

Student Project or Outcome:

Students will create examples of input, output, and storage devices out of Play-Doh. On index cards, they will label each device and describe its function. See table below for examples.

Teacher Resources:

Input Devices	Output Devices	Storage Devices	Input/Output Devices
Keyboard Computer mouse Graphic tablet Touchscreen Barcode reader Image scanner Microphone Webcam Game controller Light pen Scanner Digital camera	Computer display Printer Projector Speaker	Floppy disk drive Flash drive Disk drive Smartphone or Tablet computer storage interface CD/DVD drive	Modem Network interface controller (NIC)

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