ANSWER KEY

Answer Key: Day 3

Every page for this day is keyed. Nothing is left as "answers will vary."

Bell Ringer: Put the startup in order

Look for

- Question 1: the order is C, A, D, B.
- Question 2: in our model, the computer stops at the memory step, so programs never load.

Model response

1. C, A, D, B. 2. In our model, the computer stops at the memory step, so it never loads programs from storage.

Also accept: The same order written as words, and any answer that says it stops at the memory step.

Do not accept: Any other order, or saying the computer starts all the way.

When to give the point: Give 1 point for each question: all four letters in order, and stopping at the memory step.

Guided Notes: Day 3

Blanks are shown filled in, in order.

Programs and data

A **program** is a set of instructions that tells a computer what to do.

Data is information a computer works with, like the letters you type or a photo.

The CPU follows a program's instructions to work with data.

Following the path

An **input device**, like a keyboard, sends data into the computer through a port. Data can also start in storage, like a saved photo you open.

The motherboard carries the data to the CPU, and the CPU uses memory while it works.

The result goes out to an **output device**, like the monitor, or to the storage drive when you save.

Exit Ticket

1. Correct: (B) The CPU, using memory

The CPU follows the program's instructions and uses memory while it works.

2. Correct: (C) Onto the storage drive

Saving puts the note on the storage drive, so it stays saved when the power is off. Memory empties.

Item 3: written answer

Look for

- Starts at the keyboard and goes through the CPU and memory.
- Ends on the storage drive when he saves.

Model response

The keyboard sends the letters in, and the CPU works on them using memory. When Isaac saves, the note goes to the storage drive.

Also accept: Any path that starts at the keyboard, goes through the CPU and memory and ends on the storage drive. Naming the motherboard or the monitor is fine too.

Do not accept: A path that ends in memory, or one that starts on the storage drive.

Points: give 1 point for each line under Look for, 2 in all.