ACTIVITY

Day 2 — Inside the Case

Power-On Reports

Name: _____ Date: _____

Four computers came back to the shop, and each one is missing one part. Read each computer's startup lights. Find where it stopped, then name the missing part and its job.

How do you earn points? Each row is worth 2 points: 1 for the missing part and 1 for its job. Each of the last two questions is worth 2 points.

Our startup model

In this shop, each computer has four startup lights, one for each step: Power, CPU, Memory and Storage.

A light turns on when its step works. The computer stops at the first step that doesn't work, so every light after it stays off.

This is a model for this activity. Real computers use their own checks.

The startup lights

Computer	Power	CPU	Memory	Storage	The screen
Tamara's desktop	off	off	off	off	It stays dark.
Raymond's mini computer	on	off	off	off	It stays dark.
Carmen's game computer	on	on	off	off	It stays dark.
Derek's classroom computer	on	on	on	off	It says: No drive found.

What's missing?

Computer	The missing part	That part's job
Tamara		
Raymond		
Carmen		
Derek		

Think it through

1. Raymond thinks his storage drive is broken, because his screen stays dark. Is he right? Write 2 sentences.

2. Carmen's computer is missing only its memory. Why is its Storage light off too? Write 2 sentences.