



## STUDENT PACKET COMPUTER PARTS

### Scenario

*Reporter:* NEWS FLASH!!!! Outbreak of student identity theft cases in the Orange Heights neighborhood. Fifteen known cases of identity theft have occurred within the last several months with all students attending Orange Heights Middle School. Here today to share her story is Anna Jimenez, an eighth grade student at Orange Heights Middle School. Welcome Anna.

*Anna:* [Anna smiles] Glad to be here.

*Reporter:* Anna, tell us a little about your story.

*Anna:* Well my mom tried to open a college savings account at the bank, but she discovered that there was already an account that had been opened with my Social Security Number. And they wanted my mom to pay back like a zillion dollars that they said we owed. And they said we had cashed a check for like two thousand dollars and said we were writing bad checks. Then later my brother Gabriel, he just started college, got three different credit and telephone bills adding up to thousands of dollars –none of which were his.

*Reporter:* So Anna it seems like the difficulties involve you and the rest of your family.

*Anna:* Yes. And there are others in my school and neighborhood that are having the same issues.

*Reporter:* Well we are excited to let you know that the all girls' middle school Cyber Super-Investigators (CSI) will collect and explore a variety of cyber and physical evidence to learn more about how these identity thefts are occurring. Clues provided by the lead investigators, the cyber professionals speaking at the Cool Careers in Cybersecurity for Girls Workshop, will help the middle school girls solve the crime!

*Anna:* This would be great if they could help out!





**Duration:** Each student session lasts for 20 minutes. Students will have a few minutes to travel to their next session. You are welcome to start your session as soon you are settled and ready to begin.

**Session Background and Overview:** Anna's family recently got rid of an old computer but did not properly dispose of the hard drive. After Anna's family learned of the identity theft they went back to the group they had donated the computer to —to see if they still had it. They did! But it was disassembled. Your job is to reassemble the computer to see if anything is missing.

**Objectives:**

- Assemble the a computer from parts found at a crime scene.
- Understand the purpose of the parts of the computer.
- Understand the reason for backing up and properly disposing of the hard drive.
- Gather other clues to piece together answers.
- Search the hard drive for evidence of the criminal's identity

**Materials/Supplies :**

- Computer that can be disassembled and reassembled
- Separate computer device with monitor
- Hard drive with evidence on it

**HINTS:**

Follow the directions of your presenter to assemble the computer and parts.

**Final Thoughts:**

Security experts have said that once a hard drive has been compromised with viruses or other malware, the best solution is to replace the hard drive. Today you saw how to install a hard drive. Remember you should always make a backup (a copy) of your hard drive—so that you do not lose any pictures, music, or files. They should also make sure you know where to find all the discs for all software you have so that the programs can be reinstalled.

And finally proper steps should be taken to protect personal information.



