

Computer Problem Solvers

Investigation Worksheet (Grades 3-5)

Your Name: _____ **Date:** _____

Team Members: _____

My Role: ☐ Detective ☐ AI Partner ☐ Recorder ☐ Reporter

The Problem

The computers in Mrs. Chen's class are acting strange:

- Pop-up messages saying "CONGRATULATIONS! You WON!"
- Some learning websites won't load
- Computers are running very slowly

Our job: Figure out what happened and how to fix it!

Step 1: Gather Clues (5 minutes)

What clues did the Detective find?

Timeline: - Friday: Everything was fine - Monday: Problems started

Evidence we noticed:

What questions do we have?

1. _____
2. _____

Step 2: Ask the AI Helper (10 minutes)

AI Partner: Write down what the AI Helper told us

About the pop-ups:

About how bad programs spread:

About how to fix it:

Step 3: Make Our Plan (5 minutes)

What do we think happened?

Who needs to know?

- ☐ The teacher
- ☐ The IT person
- ☐ The principal
- ☐ Parents
- ☐ Other: _____

What should students do RIGHT NOW?

What will the IT team probably do?

Step 4: Report to the Class

Reporter: Fill this out before presenting

What we found:

What we think happened:

Our solution:

How AI helped us:

Reflection

What did you learn about teamwork?

Why did we need BOTH the AI helper AND our team?

What will you do differently when using computers now?

From “True Teamwork: Building Human-AI Partnerships” — NICE K12 2025 Dr. Ryan Straight, University of Arizona • ryanstraight@arizona.edu