

# 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:**

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**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:**

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**About how bad programs spread:**

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**About how to fix it:**

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### **Step 3: Make Our Plan (5 minutes)**

**What do we think happened?**

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**Who needs to know?**

- ☐ The teacher
- ☐ The IT person
- ☐ The principal
- ☐ Parents
- ☐ Other: \_\_\_\_\_

**What should students do RIGHT NOW?**

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**What will the IT team probably do?**

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### **Step 4: Report to the Class**

**Reporter: Fill this out before presenting**

**What we found:**

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**What we think happened:**

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**Our solution:**

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**How AI helped us:**

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### **Reflection**

**What did you learn about teamwork?**

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

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**What will you do differently when using computers now?**

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