

## Security Detective Teams

### Investigation Worksheet

Your Name: \_\_\_\_\_ Date: \_\_\_\_\_

Team Members: \_\_\_\_\_

#### Part 1: Your Detective Work (Before Talking to AI)

Look at the evidence packet. You have 10 minutes to investigate on your own.

**What patterns do YOU notice?**

In the login times:

\_\_\_\_\_

In the passwords:

\_\_\_\_\_

In the social media clues:

\_\_\_\_\_

**What feels suspicious to you? (Trust your gut.)**

\_\_\_\_\_

\_\_\_\_\_

**What questions came up that you can't answer from the evidence alone?**

1. \_\_\_\_\_

2. \_\_\_\_\_

#### Part 2: Working WITH Your AI Partner

Your AI partner is joining the investigation. They're good at different things than you are. Talk to them like a teammate, not a search engine.

**Your opening message to AI:**

“You’re my investigation partner. We’re looking into mysterious account lockouts at a school. Here’s what I’ve found so far: [share your observations]. What patterns do you see that I might have missed?”

**What did AI notice that you didn’t?**

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**What did AI get WRONG or seem uncertain about?**

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**What did AI ask YOU about? (Good partners ask questions back.)**

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**Did you disagree with AI about anything? What happened?**

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**Part 3: What Each Partner Contributed**

Be specific. This is the important part.

Investigation Task	What YOUR Brain Did	What AI Did	What You Figured Out TOGETHER
<b>Spotting patterns in the data</b> <b>Understanding WHY someone would do this</b> <b>Deciding what evidence matters most</b> <b>Connecting clues to real-world context</b>			

#### Part 4: Your Conclusions

**What do you think happened? (Your team's theory)**

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**How confident are you? Why?**

- [ ] Very confident — because \_\_\_\_\_
- [ ] Somewhat confident — because \_\_\_\_\_
- [ ] Not sure yet — because \_\_\_\_\_

**What would you investigate next?**

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#### Part 5: Reflection

**What surprised you about working with AI?**

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**What can humans do in cybersecurity that AI can't?**

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**What can AI do that humans would struggle with?**

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**If you were a real cybersecurity analyst, how would you want to work with AI?**

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