

# Role Cards

## Activity 3: AI-Assisted Incident Response

### How to Use These Cards

Print and cut these cards for team assignments. Each team member receives one role card that defines their responsibilities during the incident response simulation.

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### Grades 9-12: SOC Analyst Simulation

#### Incident Commander (IC)

**NICE Framework:** Cyber Defense Incident Responder (PR-CIR-001)

**Your Mission:** You are the leader. You coordinate the team, make final decisions, and manage communication with leadership.

#### Your Responsibilities:

- Make final containment and escalation decisions
- Coordinate team activities and information flow
- Balance technical response with business impact
- Communicate with simulated executives

#### AI Partnership Focus:

Ask SentinelAI for:

- Impact assessment of different response options
- Prioritization recommendations based on risk
- Timeline estimates for response actions

#### Key Question to Keep Asking:

“What’s the business impact of each option?”

**Remember:** The team looks to you for decisions. Gather input, but don’t delay—in incidents, delayed decisions have costs too.

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#### Lead Analyst

**NICE Framework:** Cyber Defense Analyst (PR-CDA-001)

**Your Mission:** You are the technical expert. You analyze evidence, build the attack timeline, and identify the scope of compromise.

#### Your Responsibilities:

- Perform deep technical analysis of indicators
- Correlate data across network, endpoint, and authentication logs
- Build the attack timeline
- Determine attack vector and scope

#### AI Partnership Focus:

Ask SentinelAI for:

- Pattern analysis of network traffic
- MITRE ATT&CK technique mapping
- Correlation of indicators across evidence sources
- Known malware family identification

**Key Question to Keep Asking:**

“What does the technical evidence tell us?”

**Remember:** You translate technical data into actionable intelligence for the team.

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**Threat Intelligence Analyst**

**NICE Framework:** Threat/Warning Analyst (AN-TWA-001)

**Your Mission:** You are the context expert. You research who might be attacking, why, and what they typically do next.

**Your Responsibilities:**

- Research threat actor TTPs (Tactics, Techniques, Procedures)
- Identify attack campaign characteristics
- Predict likely next steps in the attack chain
- Provide attribution context

**AI Partnership Focus:**

Ask SentinelAI for:

- Threat actor profile matching
- Campaign correlation with known attacks
- TTP analysis and prediction
- Indicator enrichment from threat feeds

**Key Question to Keep Asking:**

“Who is doing this and what do they typically want?”

**Remember:** Understanding the attacker helps predict their next move and prioritize defenses.

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**Communications Specialist**

**NICE Framework:** Related to Cybersecurity Management

**Your Mission:** You are the voice of the team. You draft communications, document decisions, and ensure stakeholders are informed appropriately.

**Your Responsibilities:**

- Draft executive flash reports
- Prepare stakeholder notifications
- Maintain incident timeline documentation
- Coordinate messaging across audiences

**AI Partnership Focus:**

Ask SentinelAI for:

- Help translating technical findings into business language
- Suggested communication frameworks
- Key points for different audiences
- Timeline organization

**Key Question to Keep Asking:**

“Who needs to know what, and when?”

**Remember:** Clear communication during incidents prevents panic and builds trust.

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**Evidence Coordinator (Optional 5th Role)****NICE Framework:** Cyber Defense Forensics Analyst**Your Mission:** You protect the evidence. You ensure proper documentation and chain of custody for potential legal proceedings.**Your Responsibilities:**

- Ensure evidence preservation
- Maintain chain of custody documentation
- Coordinate forensic data collection
- Interface with potential law enforcement needs

**AI Partnership Focus:**

Ask SentinelAI for:

- Evidence prioritization recommendations
- Forensic artifact identification
- Timeline correlation assistance
- Documentation completeness checks

**Key Question to Keep Asking:**

“Will this evidence hold up if we need it later?”

**Remember:** Evidence handled improperly becomes useless in investigations or legal proceedings.**Grades 6-8: Incident Response Teams****Incident Commander****Your Job:** Team Leader**What You Do:**

- Make final decisions when the team disagrees
- Keep the team focused on solving the problem
- Decide what to do first, second, third
- Report to the “principal” (teacher)

**Ask AI About:**

- “What should we prioritize?”
- “What are the risks of waiting?”

**Remember:** Good leaders listen to everyone, then decide.**SOC Analyst****Your Job:** Technical Detective**What You Do:**

- Look at the technical evidence (logs, alerts)
- Figure out what’s happening on the systems
- Spot patterns the team might miss
- Explain technical stuff to teammates

**Ask AI About:**

- “What do these patterns mean?”
- “What attack is this similar to?”

**Remember:** You translate computer language for the team.

## Threat Intelligence Specialist

**Your Job:** Attacker Expert

**What You Do:**

- Research what kind of attacker this might be
- Figure out what the attacker wants
- Predict what they might do next
- Help the team understand the threat

**Ask AI About:**

- “What type of attacker does this?”
- “What do they usually want?”

**Remember:** Understanding the enemy helps you beat them.

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## Communications Coordinator

**Your Job:** Message Crafter

**What You Do:**

- Write messages to tell others what’s happening
- Keep track of what the team decides
- Make sure information is clear for non-technical people
- Document the timeline

**Ask AI About:**

- “How do I explain this simply?”
- “What should we tell parents/teachers?”

**Remember:** Clear communication prevents panic.

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## Grades 3-5: Problem Solver Teams

### Detective

**Your Job:** Find the Clues!

**What You Do:**

- Look carefully at the evidence card
- Notice things that seem wrong or unusual
- Ask “What do I see?”
- Tell your team what you found

**Remember:** Good detectives notice small details!

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### AI Partner

**Your Job:** Talk to the AI Helper!

**What You Do:**

- Ask the AI helper good questions
- Listen to what the AI says
- Share the AI’s answers with your team
- Remember: AI helps, but doesn’t decide!

**Remember:** Good questions get good answers!

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**Recorder**

**Your Job:** Write It Down!

**What You Do:**

- Write what the team discovers
- Keep track of decisions
- Make notes about the solution
- Fill out the team worksheet

**Remember:** If it's not written down, we might forget!

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**Reporter**

**Your Job:** Tell the Class!

**What You Do:**

- Share your team's findings with the class
- Explain what happened and how you fixed it
- Answer questions from other teams
- Make sure everyone understands

**Remember:** Practice what you'll say before you present!

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**Grades K-2: Fix It Team (Whole Class)****Detective Badge**

**I am a Detective!**

**My job is to look for clues.**

- What do I see?
  - What's different?
  - What's wrong?
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**Thinker Badge**

**I am a Thinker!**

**My job is to come up with ideas.**

- What might have caused this?
  - What could we try?
  - What's another idea?
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**Helper Badge**

**I am a Helper!**

**My job is to do what the team decides.**

- I'll try that!
- Let me help!
- What should I do next?

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