

Resources Overview for Week 7, Lesson 1:

1. Starter Activity Resources:

- Scenario Prompt: A simple script for the scenario where a vishing (voice phishing) call claims to be from a bank, asking for account details and passwords.

Example:

“A caller claims they are from your bank and says your account has been compromised. They urgently need your account details and password to resolve the issue. What do you do?”

- Discussion Questions (included in the PowerPoint):
 1. Why is this vishing attack effective?
 2. What psychological manipulation is being used here?
 3. Have you heard of similar attacks, like smishing?

2. Main Activity: Tactic Exploration (Group Research)

- Assigned Tactics:
 - Vishing (Voice Phishing)
 - Smishing (SMS Phishing)
 - Baiting
 - Pretexting
- Research Questions for Each Group:
 - How does this tactic work?
 - What psychological principles are being exploited in this tactic?
 - Provide at least one real-world example of this tactic in action.
- Materials Needed for Groups:
 - Access to research articles or case studies on the assigned tactics.
 - Laptops/Tablets (if available) or printed handouts with case studies on tactics (e.g., vishing, smishing, baiting).
 - Infographic/Presentation Templates: Provide either a physical worksheet template for students to create an infographic or guide them to use software like Canva or Google Slides for digital presentations.
- Example Template Prompts:
 - Title of Tactic: [Group's Tactic Here]
 - How It Works: [Describe the process]
 - Psychological Principles: [E.g., urgency, authority, fear]
 - Real-World Example: [Provide an example]
 - Prevention Strategies: [List steps to protect against this]

3. Action Plan Development:

- Action Plan Template:

- Section 1: Warning Signs

List at least 3 warning signs that indicate this social engineering tactic is in progress.

- Section 2: Steps to Take

Outline the steps you would take if you encounter this attack. Be specific, and consider what you learned from the group presentations.

- Section 3: Education Strategy

How would you educate others (friends, family, or colleagues) to protect themselves from this social engineering tactic?