

PERFORMANCE TASK:

“Am I Really Connected?”

Name:

Date:

Grade Level:

Section:

OBJECTIVES:

Students will verify if their phone is successfully connected to the router by locating it in the client list and pinging it from their PC.

TOOLS AND MATERIALS NEEDED:

Materials Needed:

- Router and local network setup
- Laptops or desktops
- Smartphone with Wi-Fi connected
- Access to router's admin IP (192.168.0.1 or 192.168.1.1)
- Command Prompt

INSTRUCTIONS TO STUDENTS (for Demonstration):

Instructions

1. Connect your phone to the Wi-Fi network
2. Access your router's admin panel (ex: 192.168.0.1)
3. Locate your phone in the **connected devices/client list**
4. Record your phone's **IP address**
5. Open **Command Prompt** on your PC
6. Ping your phone's IP address
7. Take 2 screenshots:
 - o Client list showing your device
 - o Ping result showing success
8. Write a short explanation (3–5 sentences):

“How did you confirm your phone was connected to the router? What did the ping result tell you?”

REFLECTION

“What did you learn from setting up the TP-Link router? What problems did you encounter, and how did you fix them?”

FEEDBACK:

SCORE:

Rubric (20 Points)

Criteria	Excellent (5 pts)	Good (4)	Fair (3)	Poor (1-2)
Found device in client list	✓			
Correctly pinged the device	✓			
Screenshots are clear and accurate	✓			
Reflection is complete and meaningful	✓			