

4565: Computing Foundations for a Digital Age

Unit 4

Internet Speed Investigation

Name: _____ Date: _____

Objective: Use digital tools to measure internet speed in different parts of your school and explain variations in results.

Part 1: Predict

Before testing, make a prediction:

- Where in the school do you think the internet will be fastest? Why?

Part 2: Measure

Visit at least 3 different locations. Use a tool like speedtest.net or fast.com. Fill in the chart below.

Location	Download Speed (Mbps)	Upload Speed (Mbps)	Notes / Observations

Part 3: Analyze

- Which location had the fastest download speed?

- Which had the slowest?

- Why do you think the speeds varied between locations?

Part 4: Reflect

- What surprised you about the results?

- If you had to do a video call for class, where in the school would you go? Why?
