ACTIVITY

Day 1 — Cybersecurity Protects Data, Devices and Networks

Whose Job and What Needs Protecting

Name: _____ Date: _____

Every task and case below is made up. Cybersecurity stops attacks on computers, networks and data. Assurance means information assurance. It uses rules, plans and checks so information can be trusted, and it covers paper files, too.

How do you earn points? Part A is worth 12 points: 1 for each task and 1 for each why. Part B is worth 6 points: 1 for each case. The sheet is worth 18 points.

Part A: Whose Job Is It?

Read each task. Circle 1 word for the job it belongs to: Cybersecurity or Assurance.

#	The task	Circle one
1	Watch Greenfield Bank's network at night for signs of an attack.	**Cybersecurity** **Assurance**
2	Write a rule that only the school nurse may read student health forms.	**Cybersecurity** **Assurance**
3	Lock the printed patient files in a cabinet at the end of each day.	**Cybersecurity** **Assurance**
4	Remove a harmful program that a worker opened from an email.	**Cybersecurity** **Assurance**
5	Install a fix on the office laptops that closes a hole hackers were using.	**Cybersecurity** **Assurance**
6	Make a plan for how a store keeps its sales records if a flood ruins its office.	**Cybersecurity** **Assurance**
7	Block a stranger's computer that keeps guessing passwords on the city's website.	**Cybersecurity** **Assurance**
8	Check that the signed contracts in the file room are real and that no one changed them.	**Cybersecurity** **Assurance**
9	Strangers outside Lakeside Library keep trying to join its Wi-Fi. Set it up so they can't.	**Cybersecurity** **Assurance**
10	Keep a record of who signs out each paper file from the records room.	**Cybersecurity** **Assurance**

Why you picked it

1. Look at task 3. Why did you circle that job? Write 1 sentence.

2. Look at task 7. Why did you circle that job? Write 1 sentence.

Part B: What Needs Protecting?

Work with a partner. Read each case together.

Decide if the case must protect data, a device or a network.

Case	What happened
1	Ms. Rivera keeps a spreadsheet with every student's home address and phone number.
2	Carlos often leaves his school tablet on the bus seat when he gets off.
3	Strangers in the parking lot keep trying to join Lakeside Library's Wi-Fi.
4	Bright Smile Dental's computer records list each patient's name, birthday and insurance number.
5	Coach Diaz's phone has no screen lock, and he often leaves it on the bench.
6	Someone plugged an unknown box into a cable that links every computer at Pine Hills Middle School.

Your answers

Case	Data, device or network? Name the thing.
Case 1	
Case 2	
Case 3	
Case 4	
Case 5	
Case 6	