

4565: Computing Foundations for a Digital Age

Unit 1

Day 9 Lesson Plan: Unit Wrap-Up & Optional Post-Test

Objective

Students will review and reflect on what they've learned about computing, digital systems, hardware, software, and algorithms. Students may complete an optional post-test to demonstrate understanding of key Unit 1 concepts.

Word Bytes

- No new terms introduced. Students may review and revise existing Word Bytes entries.

Materials

- Optional printed or digital post-test (teacher-created or adapted)
- Devices (if administering post-test digitally)

Activities

Unit Review Discussion

- Use open-ended questions to prompt reflection and reinforce key ideas:
 - “What is something you didn’t know about computers before this unit?”
 - “Which topic from the unit was your favorite—and why?”
 - “If someone asked you what computer science is, what would you say?”
- Optional: Create a collaborative review board (e.g., Padlet or Google Jamboard) for students to share thoughts and revisit what stood out.

Word Bytes Recap

- Students revisit their Word Bytes digital dictionary:
 - Add missing terms from previous days
 - Revise definitions or add examples
 - Reflect on how their vocabulary has grown since Day 1

Post-Test (Optional)

- Administer a short assessment covering:
 - Definitions and identification of hardware/software
 - Understanding of algorithms and their structure

- Functions of system components (CPU, OS, etc.)
- Teacher may use Google Forms, paper copy, or digital platforms like Quizizz to deliver.

Celebration & Forward Look

- Celebrate the learning milestone! Consider giving students a fun participation certificate or “CS Explorer” badge.
- Preview next unit or tease upcoming topics: "Next up, we'll dive into how the internet actually works and what happens when you hit 'send'."