

Activity Title: Computers All Around Subject: Introduction to CS Grade: 3-5		Teacher: Duration time: 40 minutes
Summary and Details of Activity This lesson gets students thinking about the ways computer hardware and software affect our daily lives. Warm Up: Class discussion on computers we use/what they share in common. Are cell phones computers? Why or Why not? Explore the difference between hardware and software. (video) How do computer hardware and computer software affect our lives every day?		
Desired Results		
NYS CS & DF Standards: 2-3.NSD.2 Explain the function of software in computing systems, using descriptive/precise language. 4-6.NSD.2 Model how computer hardware and software work together as a system to accomplish tasks.	Vocabulary: - Computer - Hardware - Software	Resources (provide URLs if necessary): https://drive.google.com/file/d/1Qu9CTAlYNHLWsGV3B6obMATJuckatIRA/view?usp=sharing https://docs.google.com/document/d/1FOaTI6SOwjaU9_xEIP8XZP81C1GVzsrFCu-UklwH7_M/edit?usp=sharing
Learning Objectives: The student will be able to... - explain the importance of computers in our lives - identify the differences between computer software and computer hardware		
Assessment Evidence		

Summative Assessment:

https://docs.google.com/presentation/d/1alyGy0KDUEAd_IKZH2dpOBNLKeBE2JpwzXWT2YuvGss/edit?usp=sharing

Extensions:

- https://docs.google.com/document/d/1FOaTl6SOwjaU9_xEIP8XZP81C1GVzsrfCu-UklwH7_M/edit?usp=sharing

Journal Prompts

- Students can draw and/or write about the “perfect” computer.
- Have students write a fantasy article: Imagine your life without a computer.
- Draw your favorite computer hardware device.
- Describe the software that you use on that computer. What does the software allow you to do?
- How would your life be different without this computer?