Name: _____   **Period:** _____

Unit 1 Objectives

- Discuss and analyze how computers, the Internet, and technology affect us and the world.

- Examine the components that make-up a computer.

- Identify and explain the 5 generations of computers.

- Explain how the internet was started and works.

- Discuss and assess the future of computers and technology.

Day 1: History of computers

*How computers affect our world video: http://www.youtube.com/watch?v=_____yqL0

Discussion/Reflection:

Directions: How do computers and technology currently affect us and the world around us? Please provide a sentence or two below.

---

*History of computers video: http://www.youtube.com/watch?v=iK0PT5q7GlE

Discussion/Reflection:

Directions: List below the year you thought was the coolest from the history of computers video.

---

5 Generations of Computers Webquest Activity

Directions: By yourself, you are going to visit http://bit.ly/1v1EX22. The article discusses the 5 generations of computers. You are to read through each generation, and describe the technological development(s) that occurred then. We will discuss in class.

Evaluation: 10 points for completion and accuracy. Show me when done.

1.
Name of Generation:

Description of Generation (What was invented and describe it):

2.
Name of Generation:

Description of Generation (What was invented and describe it):

3.
Name of Generation:

Description of Generation (What was invented and describe it):

4.
Name of Generation:

Description of Generation (What was invented and describe it):

5.
Name of Generation:

Description of Generation (What was invented and describe it):

<mark>Day 2: How does a computer work?</mark>

Discussion/Reflection:

Directions: In your own words, how does a computer actually work? Have you ever thought about how your calculator works on your phone?

---

*Inside your computer video: http://bit.ly/1v1IhKs

Discussion/Reflection:

Directions: List 2 terms or things you didn't know from the video. We will discuss.

When buying a new computer, what should you look for?

- ✓ **Processor**
- ✓ **Memory (RAM)**
- ✓ **Hard Drive**
- ✓ **Speed**
- ✓ **Battery Life**
- ✓ **Size/Display**

Inside of a Computer Activity

Directions: In class we will watch a short clip that highlights the main components of a computer. The link also explains all of the parts. You will need to go to (http://bit.ly/1qUfXYF) to access the video and information. You are to review each component and below, draw the insides of a computer from the example of the video. NOTE: Stop it at 28 seconds to see the diagram.

- *Please label each part inside of your computers AND describe what it does in a sentence.*

Evaluation: 8 points for neatness and accuracy. Show me when done.

<mark>Day 3: History of the Internet</mark>

*History of the Internet video: http://www.youtube.com/watch?v=9hIQjrMHTv4
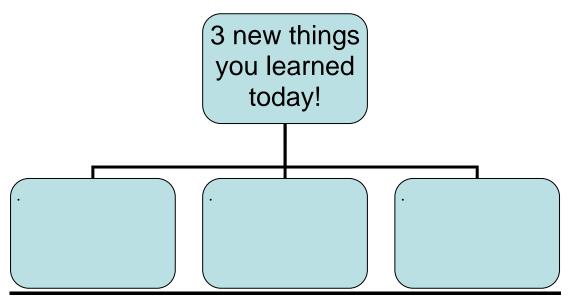
Discussion/Reflection:

Directions: While watching the video, put together a few bulleted items that will help you explain how the Internet was started. We will discuss.

---

*How the Internet works video: https://www.youtube.com/watch?v=7_LPdttKXPc

Discussion/Reflection:

Directions: While watching the video, put together a few bulleted items that will help you explain how the Internet works. We will discuss.

3 new things you learned today!

.

.

.

Day 4: What is the future?

Discussion/Reflection:

Directions: Write down one thing you see taking off in the next 5-10 years in terms of technology? What does the future have in-store for us?

List of ideas

Current Events Activity

NAME: _____

Directions: The future is amazing in terms of technology and advancements. Your job is to find a YouTube video that is at least 3 minutes OR a current event article through Google that talks about a new technology that is expected to come out soon. Below you will cite your source and write at least a 50 word summary of the video or article. We will share in class.

Evaluation: 8 points for completeness. Turn this page in when done!

50 + word reflection: