


Instructions:

1. Every Day Steps
2. New Assignment Steps
3. 1" Margins
4. Font is Tahoma 12
5. Put in the date correctly

Your Name

Mr. Larson

Once you get here, go to Home – Paragraph and use the icon  to turn on double spacing (2.0)

Intermediate Computers

July 4, 1776

To put in the date correctly, go to the Insert – Text – Date and Time and choose the date format that looks like this. Also put a checkmark in the “Update Automatically” box.

Bits and Bytes

Justify the paragraphs

As part of our vocabulary lesson, we learned that the brain of the computer is the CPU. A CPU contains small *transistors* that turn on and off like light switches. As they turn on and off, they create a language called *binary* that our computer uses instead of English. We also learned that computers do not count like we do. Instead, they also count in *binary* (0, 1, 10, 11, 100, 101, 110, etc.).

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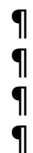
Bits and Bytes

We learned that each time a transistor turns on or off it creates a **bit** (0 or a 1), and that it takes eight zeros and ones, called a **byte**, to make a capital letter A (01000001). As we go up, we have **kilobytes** (1,024 bits), **megabytes** (1,048,576 bits), **gigabytes** (1,073,741,824,824 bits or 1,024 megabytes), and **terabytes** (8,796,093,022,208 bits or 1,048,576 megabytes)!

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Megabytes to Terabytes. Today an average MP3 song takes up 5 megabytes of space. Your phone probably has 32, 64, 128, or even 256 gigabytes of storage. Your brand-new Xbox or PlayStation 5 probably has a 1 terabyte hard disk drive.

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Follow the Bibliography steps to put this information in the correct place.

Garner, Kendra. Computer Basics. Rupert: Whitesides and Pratt Publishing, 2007. Pages 6-9.

Do NOT Justify the Bibliography

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