Definitions of units | Part A

Today we will talk about these words: bit, nibble, byte, kilobyte, megabyte, gigabyte, and terabyte – but there is nothing scary about them, they don't actually bite! They represent different capacities of memory, think of them as grams, kilos, tons except that they don't measure anything physical just computers ability to remember numbers.

Bit stands for binary digit.

By turning electricity on and off along a cable we can send messages between computers, no electricity means zero, when electricity is on that's a one. The basic practical data volume unit is a byte. The way to think about it is that a byte is like a gram, with nibble being half a gram, while a kilobyte is like a kilogram and a megabyte is like a ton, a gigabyte being about a thousand tons or a kiloton while a terabyte is like a megaton or one million tons.

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