Title:
It's A Binary World - How Computers Count.

Word Count:
763

Summary:
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Maybe you have heard the expression 'Garbage in Garbage out"? Someone, at some point instructe

We are going to look at why they are so pedantic!

The world around us has many aspects which work in the same way as a computer. There are many

A computer uses the Binary System to perform all its functions, the basic unit, originally a v

Now we get to the Math! Don't worry, it's very simple Math! In fact it's so simple we only cou

The Binary system is a Number System. You are familiar with the Decimal system which has 10 nu

Ok so how do we count with only 0 and 1. Simple, in exactly the same way you count in decimal.

If you've followed me so far you are ready for the Binary sequence, it's much simpler. Startin

In our computer we have transistor switches, as described above. For the math example we just

Another point to note is that each binary digit, or bit, has a value. Just as in Decimal we ha

This probably seems a very long-winded way to work out numbers, until you remember that these

Thats probably enough to digest in one go. Next time we will look at how a computer adds and m