

# Charles Babbage

## Quotes

*Science, Country, Men, Machines, Discovery, Wish, Principles, Long, Art, May, Powerful, Law, Miracle, Numbers, Ambition, Education, Tools, Data, Doe, Mean*

The economy of human time is the next advantage of machinery in manufactures.

~Charles Babbage

Telegraphs are machines for conveying information over extensive lines with great rapidity.

~Charles Babbage

Errors using inadequate data are much less than those using no data at all.

~Charles Babbage

At each increase of knowledge, as well as on the contrivance of every new tool, human labour becomes abridged.

~Charles Babbage

What is there in a name? It is merely an empty basket, until you put something into it.

~Charles Babbage

For one person who is blessed with the power of invention, many will always be found who have the capacity of applying principles.

~Charles Babbage

As soon as an Analytical Engine exists, it will necessarily guide the future course of science.

~Charles Babbage

An object is frequently not seen, from not knowing how to see it, rather than from any defect of the organ of vision.

~Charles Babbage

The proportion between the velocity with which men or animals move, and the weights they carry, is a matter of considerable importance,

particularly in military affairs.

~Charles Babbage

If we look at the fact, we shall find that the great inventions of the age are not, with us at least, always produced in universities.

~Charles Babbage

The difference between a tool and a machine is not capable of very precise distinction; nor is it necessary, in a popular explanation of those terms, to limit very strictly their acceptance.

~Charles Babbage

The first steps in the path of discovery, and the first approximate measures, are those which add most to the existing knowledge of mankind.

~Charles Babbage

I wish to God these calculations had been executed by steam.

~Charles Babbage

Whenever the work is itself light, it becomes necessary, in order to economize time, to increase the velocity.

~Charles Babbage

In turning from the smaller instruments in frequent use to the larger and more important machines, the economy arising from the increase of velocity becomes more striking.

~Charles Babbage

There are few circumstances which so strongly distinguish the philosopher, as the calmness with which he can reply to criticisms he may think undeservedly severe.

~Charles Babbage

Another mode of accumulating power arises from lifting a weight and then allowing it to fall.

~Charles Babbage

The errors which arise from the absence of facts are far more numerous and more durable than those which result from unsound reasoning respecting true data.

~Charles Babbage

That the state of knowledge in any country will exert a directive influence on the general system of instruction adopted in it, is a principle too obvious to require investigation.

~Charles Babbage

The public character of every public servant is legitimate subject of discussion, and his fitness or unfitness for office may be fairly canvassed by any person.

~Charles Babbage

Perhaps it would be better for science, that all criticism should be avowed.

~Charles Babbage

Some kinds of nails, such as those used for defending the soles of coarse shoes, called hobnails, require a particular form of the head, which is made by the stroke of a die.

~Charles Babbage

To those who have chosen the profession of medicine, a knowledge of chemistry, and of some branches of natural history, and, indeed, of several other departments of science, affords useful assistance.

~Charles Babbage

In mathematics we have long since drawn the rein, and given over a

hopeless race.

~Charles Babbage

Surely, if knowledge is valuable, it can never be good policy in a country far wealthier than Tuscany, to allow a genius like Mr. Dalton's, to be employed in the drudgery of elementary instruction.

~Charles Babbage

You will be able to appreciate the influence of such an Engine on the future progress of science. I live in a country which is incapable of estimating it.

~Charles Babbage

A tool is usually more simple than a machine; it is generally used with the hand, whilst a machine is frequently moved by animal or steam power.

~Charles Babbage

That science has long been neglected and declining in England, is not an opinion originating with me, but is shared by many, and has been expressed by higher authority than mine.

~Charles Babbage

The fatigue produced on the muscles of the human frame does not altogether depend on the actual force employed in each effort, but partly on the frequency with which it is exerted.

~Charles Babbage

I have no desire to write my own biography, as long as I have strength and means to do better work.

~Charles Babbage

It will be readily admitted, that a degree conferred by an university, ought to be a pledge to the public that he who holds it possesses a

certain quantity of knowledge.

~Charles Babbage

A young man passes from our public schools to the universities, ignorant almost of the elements of every branch of useful knowledge.

~Charles Babbage

Perhaps the most important principle on which the economy of a manufacture depends, is the division of labour amongst the persons who perform the work.

~Charles Babbage

The possessors of wealth can scarcely be indifferent to processes which, nearly or remotely have been the fertile source of their possessions.

~Charles Babbage

The Council of the Royal Society is a collection of men who elect each other to office and then dine together at the expense of this society to praise each other over wine and give each other medals.

~Charles Babbage

The quantity of meaning compressed into small space by algebraic signs, is another circumstance that facilitates the reasonings we are accustomed to carry on by their aid.

~Charles Babbage

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