

## technocrat

*The whole is a machine which can be better designed."
native
"The whole is a cycle that reveats itself."

Related facts, traditional sayings, and proverbs

In 1900, $60 \%$ of the U.S. population lived in the country, and $40 \%$ lived in the city.

In 1910, $70 \%$ of all bread consumed in the U.S. was baked at home.
In 1925, the world population reached 2 billion.
In 1940 , $80 \%$ of the world's population lived in agriculturebased villages.

In 1958, Bank Americard was introduced.
In 1960, 141 cities in the world had populations over 1 million.
In 1962, the world population had tripled since 1869.
In 1965, 95\% of all U.S. homes had a TV set. The average U.S. home had the TV on for over 6 hours per day. The average 16 year old had seen 86,000 commercials.

In 1974, there was approximately 20,000 murders in the U.S., and 50,000 deaths resulting from auto accidents.

In 1976, the world spent $\$ 300$ billion on arms.

In 1978, Xerox Corp. estimated that $75 \%$ of all information available to humans had been developed in the last two decades.

In 1980, the U.S. Congress enacted "Superfund" legislation. Since then, 31,000 sites have been evaluated. The average cost of a long-term cleanup is $\$ 25-30$ million per site. In cases where the original polluters are bankrupt or cannot be found (or proved liable), the "Superfund" can be used to pay the entire costs.

In 1980, there was approximately 400,000 deaths caused by cancer in the U.S.


In 1985, there was 345 nuclear power plants in 26 countries.
In 1986, the world population reached 5 billion.
In 1988, there were approximately 540 million registered cars, trucks, and buses in the world. $34 \%$ of these vehicles are registered in the U.S. Over 40 million vehicles are added to the world total every year.

In 1990, the entertainment industry in the U.S. generated $\$ 500$ billion in gross sales.

Population projections estimate that by the year 2000, there will be 57 cities in the world with populations over 5 million, 25 of which are likely to have populations over 10 million.

I don't want the cheese...

The second law of thermodynamics efficiency: "The efficiency is equal to the ratio of the least available work that would have done the job to the actual available work used to do the job."

Happiness equals needs satisfied divided by needs perceived.
Given these dependencies-- the economic system of the wealth yielded by the production system, and the production system on the resources provided by the ecosystem-logically the economic system ought to conform to the requirements of the production system, and the production system to the requirements of the ecosystem.

Those who live amid concrete, plastic and computers can easily forget how fundamentally our well-being is linked to the land.

As that inner software changes, so does the outer screen of civilization, and how we conduct our lives.

Once the toothpaste is out of the tube, it's hard to get it back in again.

Prosperity discovers vice, adversity virtue.
If you have to whisper it, better not say it.
I don't want the cheese, I just want to get out of the trap.

Honesty is the best policy.
Better shun the bait than struggle on the hook.
Better to bend down than to hit your head on the door jamb.
Though you ride, remember the horse goes on foot.

But what about the "technological utopia...."

A plethora of terms and definitions have sprouted in the ever growing literature on the subject....

In the developed world, a large amount of wood is used for paper, almost 2000 million tons of pulp a year, compared with the developing nations consumption of around 25 million tons.

The spell of words is by no means an enchantment to which only the intellectual is disposed.

There are many hairs to split on these topics-- and many people who are entertained by the spectacle of other people trying to split them.

Humor: a cognitive, often unconscious experience involving internal redefining of sociocultural reality and resulting in a mirthful state of mind.

"That is well said," replied Candide, "but we must cultivate our garden."
Our most serious hurdle is the lack of funding for such a project.
We most often go astray on a well-trodden and much frequented road.

There are none so blind as those who willfully shut their eyes.
Everyone is involved when it comes to determining the markets that supply the jobs.

Keeping to the main road is easy, but people love to be sidetracked.
Two watermelons cannot be held under the same arm.
Evil conduct is the root of misery.
There is no secret of the heart which our actions do not disclose.
A kiss on the lips does not always touch the heart.
Better break your word than do worse by keeping it.
Better on a sound boat than a leaky ship.
A lean agreement is better than a fat sentence.
Home is where the heart is.
No other experience can substitute for a healthy relationship with the land.

In order to make ecological good sense of the planet, you must make ecological good sense locally. You can't act locally by thinking globally. If you want to keep your local acts from destroying the planet, you must think locally.


Nothing should be bought that can be made or done without.
He who buys what he does not need, will sometimes need what he cannot buy.

Don't throw away the old bucket until you know the new one holds water.

It takes more than one root to grow an old tree.
The result proves the wisdom of the act.
A good example is the best sermon.
Well done is better than well said.
Drive the nail that will go.
If you must kick, kick towards the goal.
If you are made of the right timber, you need not care where the chips fall.


An honest tree need not regret the loss of rotten branches. You can lead a horse to water, but you can't make it drink.

Such as are your habitual thoughts, so will be the character of your mind.

What you consider worth cultivating, you will cultivate in yourself.

One person's fantasy is a dream; two people sharing a fantasy is reality.

Many hands make light work.
One picture is worth a thousand words.
Be it ever so humble, there's no place like home.
A good appetite needs no sauce.


