

Scientifically Speaking

by Ed Piva

What if the word science conjures up anxiety?
Through the thought of text books and words ending
in 'ology'!

No need to worry though, it's not that complicated,
Let me enlighten you, and get you educated.

Science starts with the human need to understand,
All things natural and how they began.

Scientia, the word that means knowledge in Latin,
In any form, in any way that you can make it happen.

You can look to the past or present for such inspiration,
Aristotle, Newton, Galileo, and Darwin.

Einstein, Morgan, Edison or Hawking,
Pasteur, Sarabhi or Chien Shiung Wu.

All with a fascination for collecting, recording, observing,
analyzing,
Information they would spend time theorizing.

And apply the scientific method, to hypothesize,
Another educated guess for the world to scrutinize.

CHORUS **Science, what is it exactly?
A discipline that uses creativity,
And the imagination,
In order to explore or make connections.**

A process of scientific knowledge acquisition,
Through diligent observation and experimentation.

Peep a chemist who observes a chemical reaction,
Then conducts experiments, using temperature variation.

Results get questioned by the scientific community,
Analyze the substance of fact and its validity.

Theories created, come and go, like passing time,
As new evidence is discovered, or theories become
refined by,

Scientists who strive to achieve discoveries,
That overturn accepted theories suggested previously,

Accepted, current or traditional theory,
A true scientist will test what you believe.

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Science it then becomes acknowledged through
the publication,
Of research results in sources that's non-fiction.

Textbooks, journals, or valid sources on the net,
For writers, educators, and students to dissect.

What is important? What should purge the conversation?
To distribute to and educate the larger population.

Like natural sciences that study all natural things,
That fall under the following scientific disciplines.

Earth Science, Chemistry, Physics, and Biology,
Spectroscopy, Cryogenics, and Entomology.

Science is combined as a collaborative process,
To purge discussion and keep the world movin' forward.

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Science aims to improve life's quality,
Minimizing existing elements that plague humanity.

Like earthquakes, landslides, viruses, and disease,
Greater knowledge through science man it benefits our beings.

Scientists' descriptions and explanations of phenomena,
Produce useful models that facilitate the common law,

A better understanding for this world we occupy,
By testing new theories, we separate fact from lie.

Science is in a state of constant evolution,
Where ideas become archaic and get replaced with new ones.

But change is progress, and that's the thing,
Science the discipline that questions everything!

Increase control of this earth and its environment,
Help science to diagnose that nature of our detriment.

Sources of pollution on this earth our children have to fear,
Oil spills in oceans and gaping holes in the atmosphere.

It's ironic how science helped create this situation,
But at the same time it's the solution.

To all things science, for science is all things,
In, on, and around the earth, coexisting!

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