Note Concept Information Technology

* Knowledge

Fact information and skills acquired by a a person trough experience or educstion the theoretical or reality in the human nature

* Science

Concious attempts to investigate discover and enhance human understanding of various aspect or reality in human nature.

Science is the result of a process of thinking that is obtained from ecperience to be object of research and its truth can be recognized / believed.

The intellectual and practical activity encompassing the systematic study of the structure and behavior of the physical and natural world through observation and experiment.

Common sense that is regulated and organized approaches objects or event using the method of observation which is through and critical.

KBBI => science is knowledge about a field which is systematically organized according to cartain methods that can be used to explain certain symptoms.

Deeply, closely, scientiply

* What is Technology

Technology is the human attempt to change the world. By creating product that can help people.

* Interconnections between Science and technology

Science is based on fixed hypotheses or formulas and technology is the practice or implementation of research based hypotheses.

Science explores for the purpose of knowing while technology explores for the purpose of making something useful from that knowledge.

Science drives technology by making new technology possible through scientific breakthroughs. Without technology some science experiments would not be possible.

* The importance of dcience towards technology

Science contributes to technology in six ways :

Science as a direct

There ar at least 2 impact of technology on science

Technology as a source of new scientific challenge;

Instrumentation and measurement tchniques.

* Science and Technology

A source of information that can imporove human intelligence or knowledge in the field of technology.

The very questions that scientists ask are shaped by the available technology.

Science encompasses the syste

Science is the discovery and eplanation of nature.

Chapter IV IT Professional Ethics

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