

Cosmic Harmony – an integration of science and general education

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The rapid advancement in science and technology has led to a remarkable transformation on how we live and think. Certainly no modern curriculum in general education can skip the area of natural science and technology as a core element. However, most science subjects have become so specialized and technical that many non-science majoring students are intimidated. To many students, science and technology are far detached from humanity, and a general science education means nothing but just memorization of some hard scientific facts and abstract technical terms. I will present my views on the design of a general education science course, with particular emphasis on the importance of stimulating students' curiosity in Nature as well as cultivating in them a sense of Nature's harmony and beauty. I will argue that even though science appears to be pure logical and detached from human emotions, there are excitement and joy in the process of scientific investigation, and the scientific spirit is very much a part of the human spirit.