

## Suggestion of the new high school general science with the contents necessary as earthian

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Existing national curricula standards(N.C.S) in high school require 3 basic sciences of the 4 basic sciences, an improvement on the former N.C.S. But it is not enough for students to only study 3 basic subjects for coming to a deeper understanding of their place in earth's ecological system.

Therefore we would like to propose two new types of 'General Science' which need 4 credits or 6 credits in school classes.

One type integrates four science subjects into one compulsory subject with the aim of developing better understanding of the global environment and sustainable society,and is based on learning of the problem solution type with high regard for key competency. The other type is to divide 4 basic sciences into 2 subjects in order to understand science literacy, and consists of 'physics and chemistry' and 'biology and earth science' at this time, we want to suggest the former, which integrates four basic science subjects.

Keywords: general science, compulsory subject, problem solution type, understanding global environment scientifically