Integrative Approach to Science Education

Jean Soo Chung\textsuperscript{a}, Byung Yoon Park\textsuperscript{b}, Jin Seung Kim\textsuperscript{c}

\textsuperscript{a}Chungbuk National University, Cheongju 361-763; \textsuperscript{b}Chungnam National University, Daejon 305-764; \textsuperscript{c}Chonbuk National University, Jeonju 561-756, Korea

chung@chungbuk.ac.kr

Science, technology, engineering, and mathematics are closely linked to our lives in technology based society. So it is desirable to reflect such relationship as early as possible in the education of science and mathematics. However, little has been done in this direction until now. In this presentation we introduce three activities being pursued in Korea for integrative science education: integrative approach to science education, development of physics qualification test system for level specific evaluation, and preparatory work for development of a new science curriculum for K-12 education.