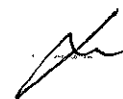


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SENATE

P. S. Res. No. 1295

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INTRODUCED BY SENATOR VILLAR

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**RESOLUTION**  
**SUPPORTING THE PROPOSED "UNDERSTANDING BY DESIGN"**  
**FRAMEWORK AND OTHER SIMILAR INITIATIVES THAT AIM TO**  
**REVOLUTIONIZE THE LEARNING PROCESS AND ULTIMATELY,**  
**MODERNIZE PHILIPPINE EDUCATION**

*Whereas*, the Department of Education (DepEd), with the Private Education Assistance Council (PEAC, formerly FAPE) and other key members of the educational community as conduits, is set to introduce a new approach to Basic Education curriculum called "Understanding by Design" (UbD);

*Whereas*, UbD, which has been increasingly adopted by hundreds of thousands of educators globally, is a tool for educational planning that is hinged on the core concept of "teaching for understanding";

*Whereas*, UbD was designed by internationally-recognized educators Grant Wiggins and Jay McTighe using the process of "backward design" – the practice of looking at the outcome in order to design curriculum units, performance assessments and classroom instruction;

*Whereas*, the DepEd, through the Bureau of Secondary Education and in partnership with PEAC, plans to integrate the UbD concept into the curriculum by 2010;

*Whereas*, similarly, the UP National Institute for Science and Mathematics Education Development (NISMED) has been pushing for the establishment of a cohesive Science Curriculum Framework for Basic Education;

*Whereas*, the proposed science curriculum framework is described as "developmental and integrated" in its approach, wherein fundamental concepts from life, physical, and earth sciences are woven together in order to create a more holistic understanding of scientific facts;

*Whereas*, the science framework was first proposed by NISMED in 2005 to the Science Education Institute of the Department of Science and Technology (DOST-SEI);

*Whereas*, a related initiative is being pushed for the mathematics education curriculum framework by the Philippine Council of Mathematics Teacher Educators (MATHTED);

*Whereas*, the mathematics education framework aims to develop mathematical empowerment that focuses on critical and analytical thinking, and significant features include varied approaches in teaching mathematics for kindergarten to grade 3, grade 4 to grade 6, and high school, and a set of competencies that should be achieved at each cluster;

*Whereas*, the application of these proposed frameworks is imperative to cope with the changing needs of the learners in a rapidly changing environment: Now therefore be it

RESOLVED, as it is hereby resolved, to support the proposed “Understanding by Design” framework and other similar initiatives that aim to revolutionize the learning process and ultimately, modernize Philippine education.

Adopted,

  
**MANNY VILLAR**  
Senator