

Abstract Submitted  
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**Curriculum that incorporates good physics and good math – AT THE SAME TIME!** DEREK WEISEL, Los Alamos High School — Anyone with experience in physics education knows there is considerable consternation about how much trouble students can have during their first experience with physics. It is a common opinion that many students struggle in physics because of a weak math background. Recent research has shown that this is not always the case. Many students who have shown a tested proficiency in mathematics still struggle in physics. It is an important question to ask how a student who excels in mathematics can still struggle in physics. If this question can be answered it may open up new methods of instruction to aid all students. After discussion of this question, examples of curriculum that simultaneously meet common standards of physics and common standards of math will be shown.

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