

Abstract Submitted
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Partners in Physics with Colorado School of Mines' Society of Physics Students¹ SHIRLEY MOORE, MATTHEW STILWELL, ZACH BOERNER, Colorado School of Mines SPS — The Colorado School of Mines (CSM) Society of Physics Students (SPS) revitalized in 2008 and has since blown up with outreach activity, incorporating all age levels into our programs. In Spring 2010, CSM SPS launched a new program called Partners in Physics. Students from Golden High School came to CSM where they had a college-level lesson on standing waves and their applications. These students then joined volunteers from CSM in teaching local elementary school students about standing waves beginning with a science show. The CSM and high school students then helped the children to build make-and-take demonstrations incorporating waves. This year, rockets are the theme for Partners in Physics and we began with demonstrations with local middle school students. In Spring 2011, CSM SPS will be teaching elementary school students about projectile motion and model rockets along with these middle school students.

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