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Addressing CSAP Physics Standards: Content for Middle School

Instructors GRANT DENN, RICHARD KRANTZ, Metropolitan State College of Denver — As part of the NSF funded Rocky Mountain Middle School Math and Science Partnership (RMMSMSP), we developed a class for middle school teachers entitled "Forms and Transfer of Energy" which directly addressed content as stated in the Colorado Standards Assessment Program (CSAP). Specifically, we built lectures and activities based on Colorado Grade 8 benchmarks 2.8 (energy forms and transfer), 2.9 (electricity and energy) and 4.2 (renewable and non-renewable resources.). This talk reviews some of the activities we used to demonstrate energy transformation.

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