

Abstract Submitted
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Making Physics Fascinating and Fun VEDE RAMDASS, Drexel University, AMANDA WHITE, WENDY HARRIS, JEROME MLACK, ROBERTO RAMOS, Drexel University — Since its inception the Society of Physics Students at Drexel University established a goal of promoting and encouraging the pursuit of Physics or science among middle school students. As a result, we have established an outreach project that partners with a local Philadelphia middle school in order for us to expose the students to Physics concepts and theories that surpasses their curriculum in a way that is exciting. The program with the school involves bi-weekly meetings with students interested in science from both 7th and 8th grade classes. At each meeting we first talk about a general topic in physics, such as thermodynamics or kinetics, and then perform demonstrations that are designed to encourage their participation and hence enthusiasm towards the material. The program lasts for school year and culminates in a final project which tries to incorporate all the things they have learned. The final project and by extension the entire outreach has proven great success in motivating these students to becoming more involved in science and most importantly, proving to them that science is fascinating and fun.

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