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Period 6 AP Physics 1

Mr. Baird 4/21/15

Fire Clap: Notes to Future

Fire Clap doesn't offer many CTF points, but the fun project has enough advantages to counter this minor setback. The best perk about this exhibit is that it's not at all time consuming or stressful. The metal spheres are provided by Mr. Baird, so the only contribution of materials made by the exhibitors is bringing things for the students to clap and burn. There is no building or construction, and set-up and clean-up are extremely easy. Plus, this project explores a simple concept that we learn early on in the year, so there is not a large amount of research required for this project, making explanation simple for young kids as well as adults.

Because this is such a simple project, finding a way to make it seem exciting was seemingly difficult, but its simplicity doesn't hinder its fun. We brought several different materials besides paper (tissue paper, cotton t-shirts, aluminum foil) and had the students clap through them from easiest to burn to hardest to burn. The aluminum foil was incredibly difficult to burn through (metal, conductor) and created a fun challenge for the students.

Possibly the only downside this project has is listening to the sound of the clapping all day. This is not a project for anybody who is easily irritated by loud noises. In addition, we recommend wearing long sleeves, because the tiny burnt embers from the burnt material often flew out rapidly and hit the arms of the holder (most often the exhibitor) and hurt a bit.