## **Notes To The Future: Fire Clap**

While the Fire Clap doesn't offer many CTF points, the project has enough advantages that outweigh this minor downside. The best perk about this project is that it's not at all time consuming. 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 burn. There is no building, 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.

Because this is such a simple project, finding a way to make it seem exciting was difficult. We brought several different materials besides paper (wax paper, cloth, 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 and created a fun challenge for the students. By having a challenge like that, the exhibit seemed less monotonous and more exciting.

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.

Also, for the future, we would like to recommended the name "Light My Fire" instead of "Fire Clap" for the exhibit.