Team Number: LLHS 3

School Name: Los Lunas High School

Area of Science: Aerodynamics

Project Title: Effects of Drag in Different Environments

Drag is one of the forces keeping transportation from going at hypersonic speed, other than overheating and other factors. Drag is a force resisting an object going at a fast velocity, and it is essentially the molecules of the medium the transportation device is traveling through resisting the transportation device. Drag can make an object slow down immensely if has enough force behind it, and the medium the transportation device is traveling through has a high enough density.

We will be working in NetLogo to simulate the effects of drag. You can chose on different shapes for the transportation device and different densities of the medium the transportation device will be traveling through, the reference area of the object, as well as the skin friction of the material of your choice.

Team Members:

* Brandon Baca
* Chloe Sawatzki
* Brandon “Everest” Sonnenberg

Sponsoring Teacher(s)

Anne Loveless

Project Mentor(s)

N/A at the moment