**Pre-Lab: How do air bags save lives?**

In this laboratory lesson, you will embody chemists and engineers to design an effective air bag.

**Video Observations:**

What features of an air bag makes it effective based on what you observed in the video?”

**Research on Airbags (Think like a chemist and engineer)**

Some things to search for:

What are the chemicals involved?

What is the chemical reaction that occurs?

What happens “chemically” speaking (on a molecular level)?

How do air bags work (what causes them to deploy – mechanically)?