

**MythBusters: The Explosive Exhibition**  
**NGSS / NJSLS-S Connections**

The current premium exhibition, *MythBusters*, is an exciting and fun experience for your students. Plus, the activities and demonstrations connect directly to many of your science curriculum standards.

**MS-PS2-2** *Plan an investigation to provide evidence that the change in an object's motion depends on the sum of the forces on the object and the mass of the object.*

*MythBusters* experience connections:

- Butter Side Up (Flip It)
- Tablecloth Chaos
- Airplane on a Conveyor Belt (Air Speed)
- Killer Card Toss
- Big Bad Wolf (Stable Structures)

**MS-ESS2-5** *Collect data to provide evidence for how complex interactions of air masses result in changes in weather conditions.*

*MythBusters* experience connection:

- Running in the Rain

**MS LS1-3** *Use an argument supported by evidence for how the body is a system of interacting subsystems composed of groups of cells.*

*MythBusters* experience connections:

- Dodge a Bullet (Reflexes)
- Blind Driving (Tell Me About It)
- Cliffhanger (Superhuman Strength)
- Change Like A Superhero (Practice Makes Perfect)

**6.SPA.1** *Develop understanding of statistical variability.*

*MythBusters* experience connection:

- Butter Side Up

**4-ESS3-2** *Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.*

**3-5-ETS1-3** *Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.*

*MythBusters* experience connection:

- Big Bad Wolf (Stable Structures)