



CRASH SCIENCE IN THE CLASSROOM.

## PENNY FOR YOUR THOUGHTS ON INERTIA

NGSS Standards Alignment

### Middle School

#### 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.*

### Grades 3-5

#### 3-PS2-1

*Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.*

#### 5-PS1-3

*Make observations and measurements to identify materials based on their properties.*

#### 5-PS2-1

*Support an argument that the gravitational force exerted by Earth on objects is directed down.*