PAIN IN THE NECK

NGSS Standards Alignment

High School

HS-PS2-3
Apply scientific and engineering ideas to design, evaluate and refine a device that minimizes the force on a macroscopic object during a collision.

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

4-PS3-3
Ask questions and predict outcomes about the changes in energy that occur when objects collide.