

Momentum Learning Targets

A student will be able to understand the basic concepts of momentum and its conservation.

1. I can identify momentum as the product of mass and velocity.
2. I can calculate the change in momentum (impulse) of one object which is acted on by a net external force.
3. I can analyze the momentum of a system of objects in one dimension.
4. I can distinguish between elastic and inelastic collisions.
5. I can solve puzzles using conservation of momentum where the net external force is zero.
6. I can solve puzzles using conservation of momentum in two-dimensions.*

* Pre-AP Physics Learning Target