Energy Transfers in Collisions

Connect the term to its meaning:

1-Occurs when two or more objects hit each other with a force.

2- It's the movement of energy from one object to another.

3- Energy cannot created or destroyed. It can only change form.

Energy Transfer

Conservation of Energy

Collision

Choose correct type of energy to solve this statement:

Is transformed or transferred; it cannot be made or destroyed

A- Energy B- Momentum

The collision of two marbles can cause the ..... of both marbles to change.

A-Energy B-Motion

It can protect people on cars during accident.

a- Seat belt b- Wheels c- Car doors

Which is *not an example of a collision* causing energy transfer and change in motion?

A- a bat strikes a baseball B- a catcher catches a baseball

C-a baseball hits the ground D- a baseball flies through the air

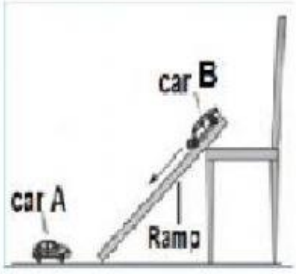
During a collision, some energy can be transferred into ..... or sound.

A-Force B- Heat C-Electricity D-Conservation

Choose correct answer:

1-Car A will not move. (True or False)

2-Car B will collide then slow down then stop. (T or F)



Learner Profile Reflection

What did you learn with this activity?

_____

What attributes did you display?

_____

How well did I do? (Mark your choice with an **X**)

Excellent	Good	Need Improvement
_____	_____	_____

LIVEWORKSHEETS