

7th grade Physics Vocabulary

acceleration

Definition: The rate of which an object changes its velocity

Context: Acceleration can be positive or negative depending on whether the object is speeding up or slowing down.



force

Definition: A push or a pull exerted on an object

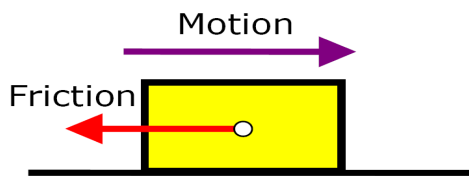
Context: The ball was hit with enough force to send it into the bleachers.



friction

Definition: A force that resists motion between two bodies in contact

Context: Rougher surfaces create more friction than smooth ones when an object comes in contact with them.



gravity

Definition: The natural force that attracts any two objects with mass toward each other

Context: Earth's gravity pulls on anything that is not held up by some other force.



speed

Definition: The rate of motion

Context: The speed of the ball is determined by measuring how far it travels in a certain amount of time.

velocity

Definition: The speed of an object moving in a specific direction

Context: The car's velocity was 55 miles per hour, eastbound.

