Simon Bloom The Gravity Keeper

Vocabulary Chapters 1-16

colleagues - a person with whom one works

copse - a small group of trees.

momentum - the product of a body's mass and its velocity

simultaneously - at the same time

kinetic energy - the mechanical energy that a body has by virtue of its motion

potential energy - the mechanical energy that a body has by virtue of its position

collide - hit with force when moving

gravity - the force that pulls objects towards each other

velocity - a speed in any direction

friction - the force between two rubbing surfaces

inertia Newton’s first law - an object in motion stays in motion

Newton’s second law - The acceleration of an object depends on the mass of the object and the amount of force applied

Newton’s third law - for every action there is an equal and opposite reaction

Law of Conservation of Energy - the law that states that energy cannot be created or destroyed but can be changed from one form to another