

Chapter 7 Science Vocabulary

BLM 7.2A

position – an object's location or place

motion – the change in an object's position

reference point – a motionless place or object used for comparison with a moving object

translation – the motion of an object along a line or a path from one position to another

rotation – the motion of an object around a central point

vibration – a back-and-forth or up-and-down motion

contact force – a push or pull of one object on another through direct touch

noncontact force – a push or pull on an object without direct touch

field – the area surrounding an object in which a noncontact force is active

friction – a force that opposes motion

tension – a pulling force that resists stretching

inertia – the resistance to a change in motion

acceleration – any change in the speed or direction of an object's motion

relative motion – the motion described from a particular reference point

apparent motion – the appearance of motion