High School

**HS-PS2-1**
Analyze data to support the claim that Newton’s second law of motion describes the mathematical relationship among the net force on a macroscopic object, its mass, and its acceleration.

**HS-LS1-2**
Develop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms.

Middle School

**MS-LS1-8**
Gather and synthesize information that sensory receptors respond to stimuli by sending messages to the brain for immediate behavior or storage as memories.

Grades 3-5

**3-PS2-1**
Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.

**4-LS1-2**
Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.