

DCI: Motion and Stability: Forces and Interactions

K.PS2.A: Forces and Motion

Pushes and pulls can have different strengths and directions. (K-PS2-1), (K-PS2-2)

DCI: Motion and Stability: Forces and Interactions

K.PS2.A: Forces and Motion

Pushing or pulling on an object can change the speed or direction of its motion and can start or stop it. (K-PS2-1), (K-PS2-2)

DCI: Motion and Stability: Forces and Interactions

K.PS2.B: Types of Interactions

When objects touch or collide, they push on one another and can change motion. (K-PS2-1)

DCI: Energy

K.PS3.C: Relationship Between Energy and Forces

A bigger push or pull makes things speed up or slow down more quickly. (K-PS2-1)

DCI: Energy

K.ETS1.A: Defining and Delimiting Engineering Problems

A situation that people want to change or create can be approached as a problem to be solved through engineering. Such problems may have many acceptable solutions. (K-PS2-2)