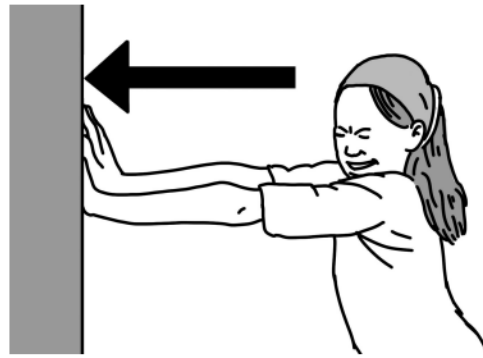


# Vocabulary

**Lesson:** How high can you swing on a flying trapeze?

mystery science

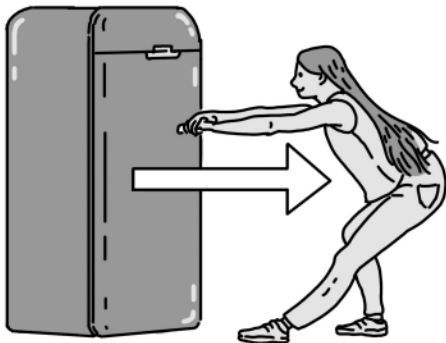
**push**



mystery science

to move an object away from you

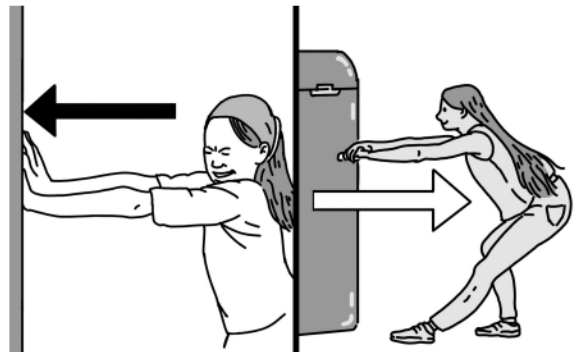
**pull**



mystery science

to move an object toward you

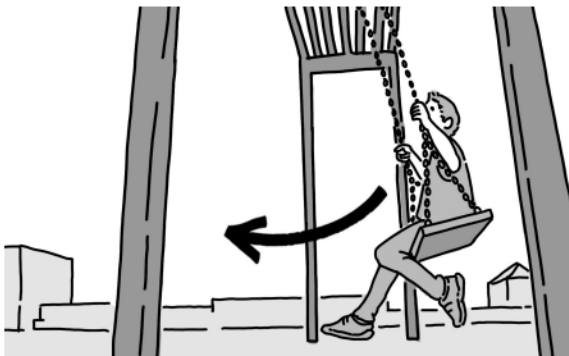
**force**



mystery science

a push or a pull

**motion**



mystery science

a change in the position of an object

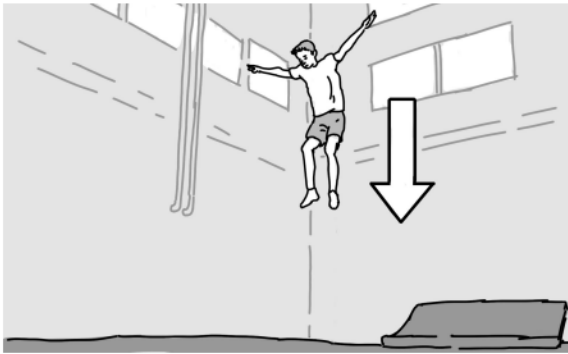
**friction**



mystery science

a force when two objects rub together that slows the motion of an object

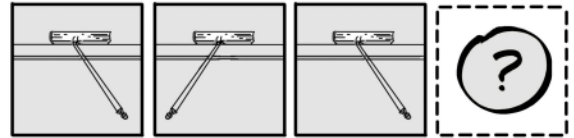
## gravity



an invisible force that pulls any object down, toward the Earth

mystery science

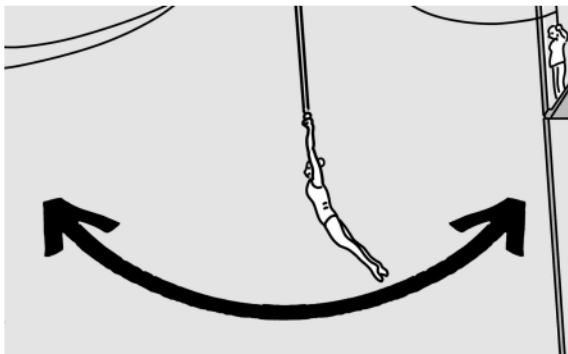
## predict



to guess what will happen based on things you know

mystery science

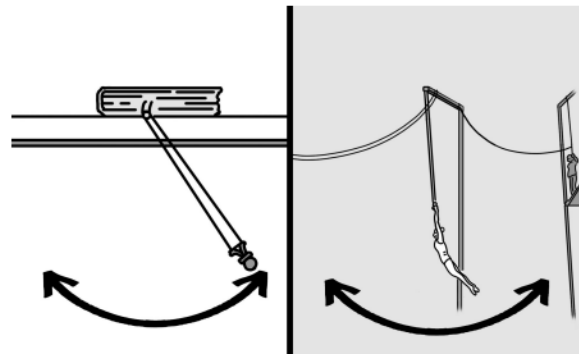
## pattern



something that can be observed again and again and again in a way that can be predicted

mystery science

## model



a pretend version of something that scientists use when the real thing is too big, small, or complicated to work with

mystery science