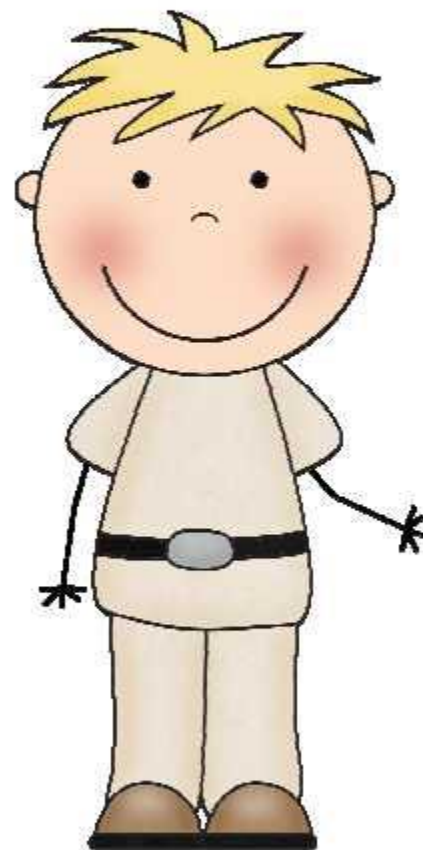
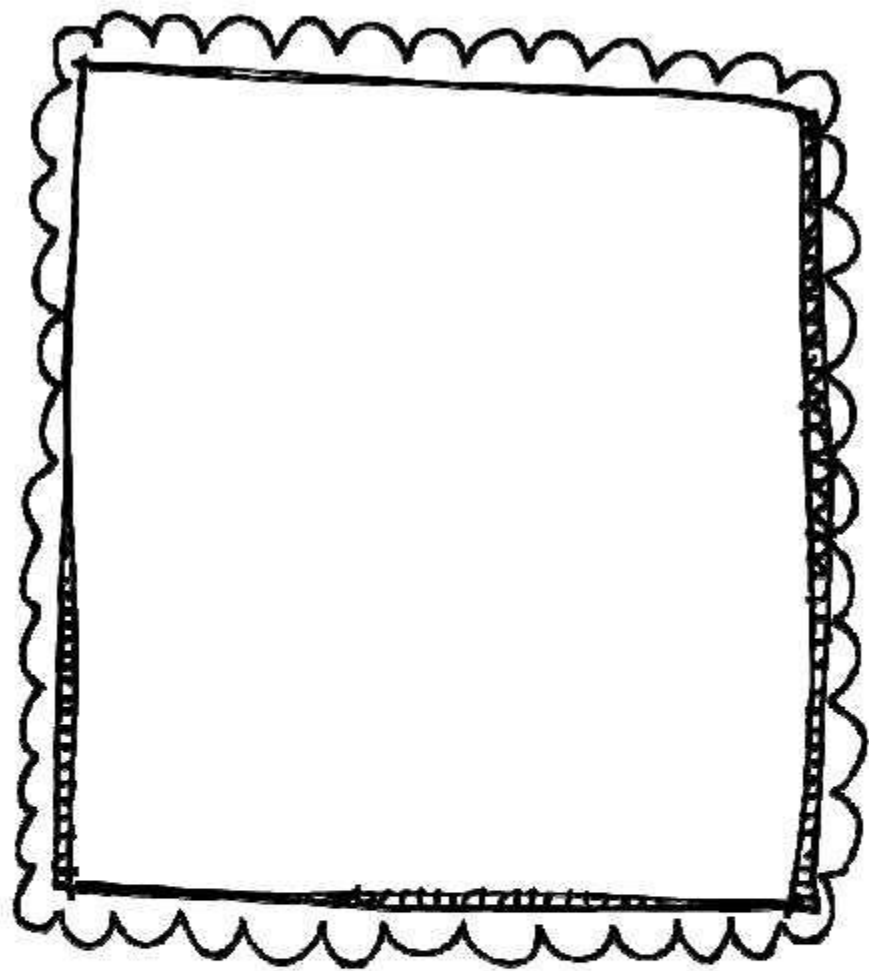


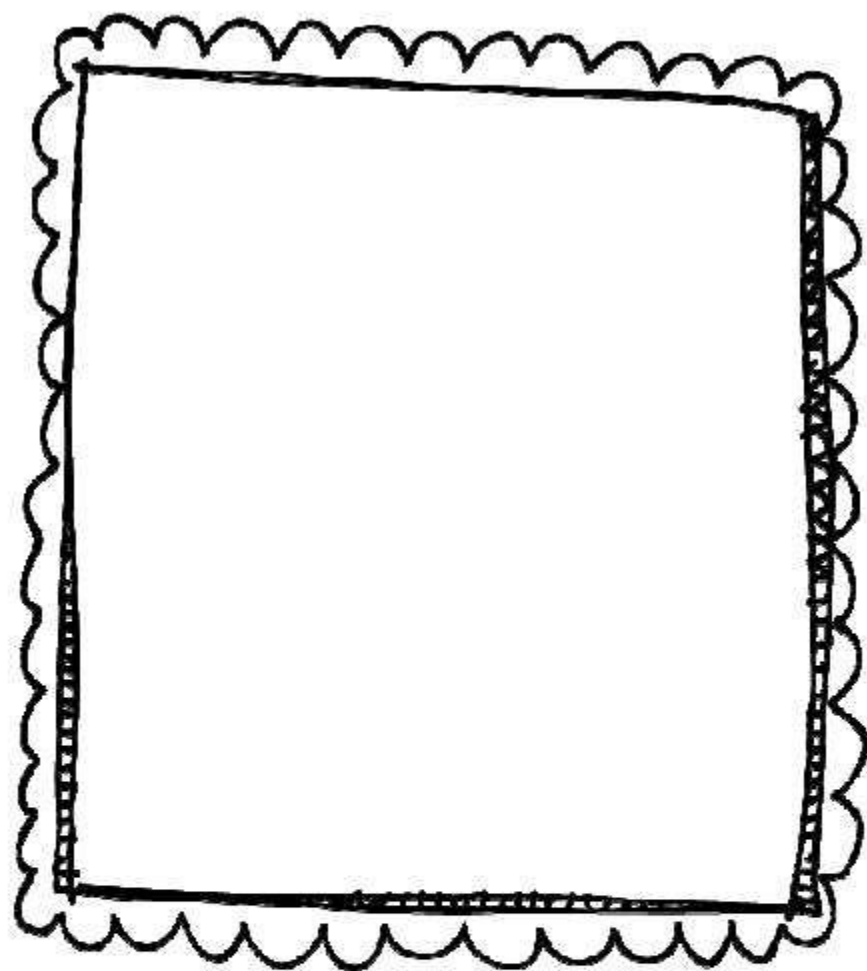
**May the Force
Be With US!**



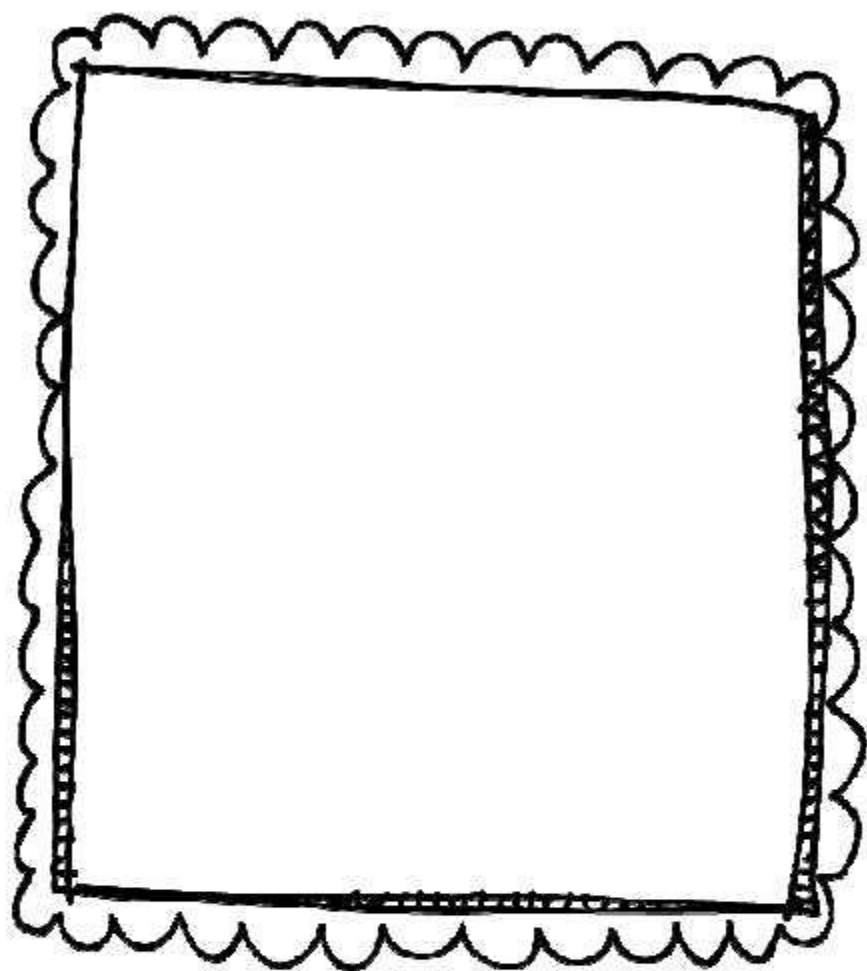
Name: _____



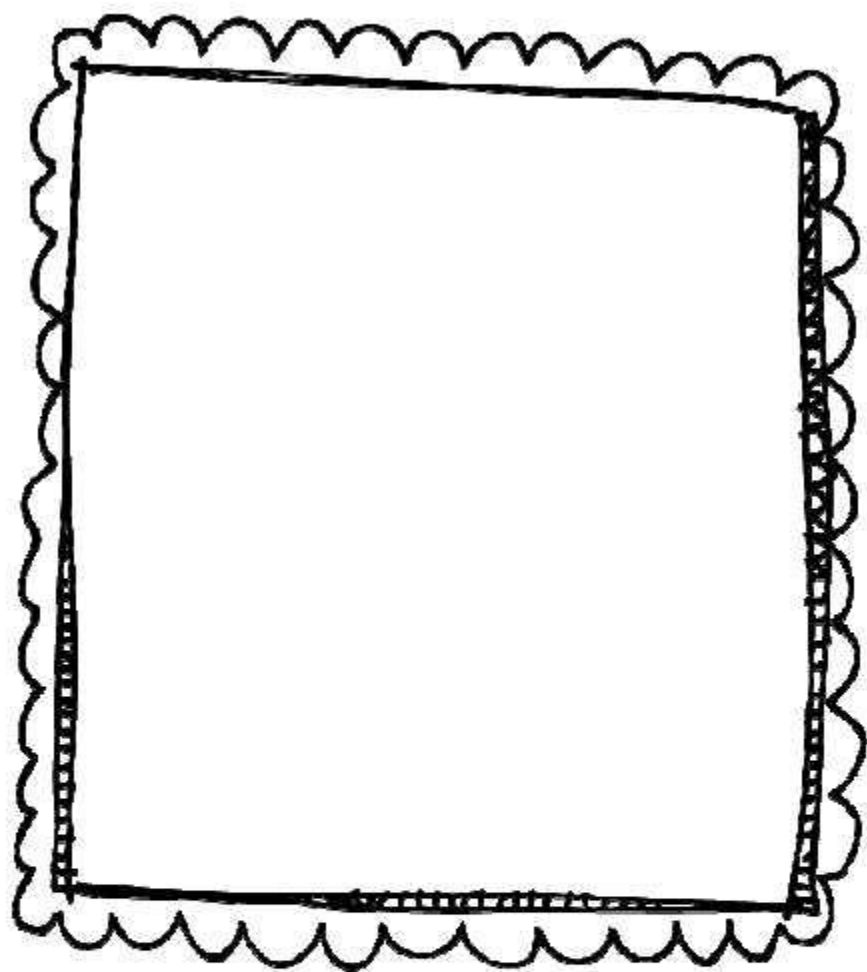
If an object is at rest, it will remain at rest until a force (a push or a pull) is applied to it.



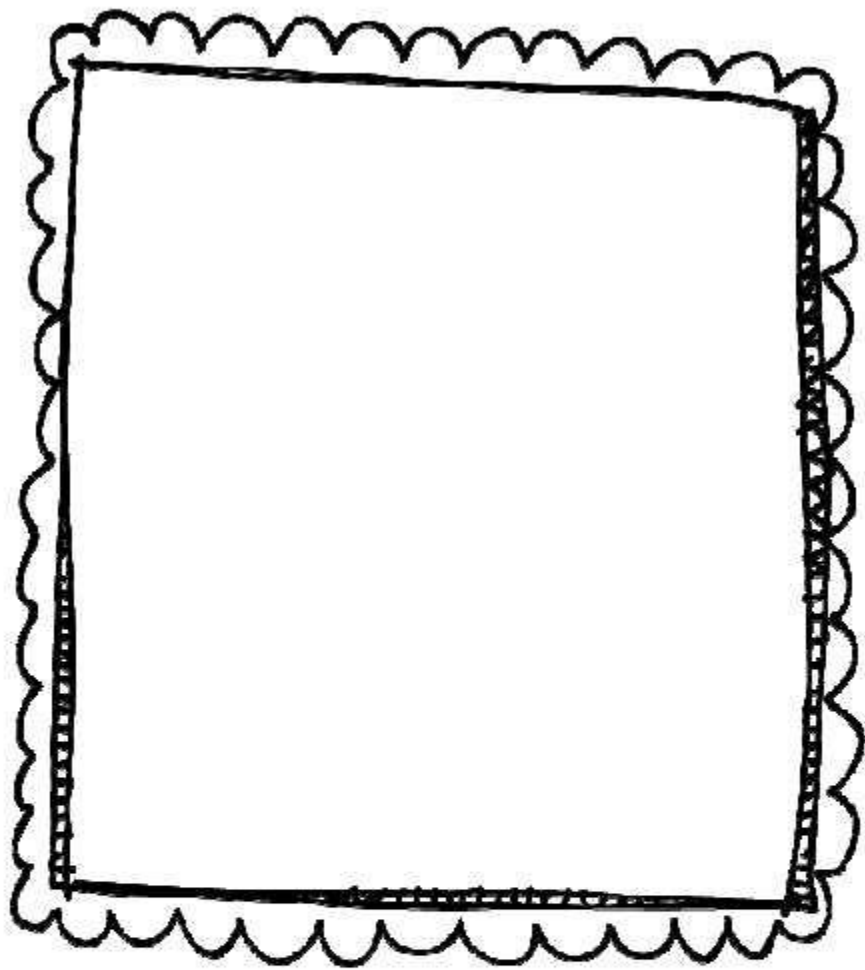
The motion of an object is affected by **friction** (a force caused by two objects rubbing against each other.)



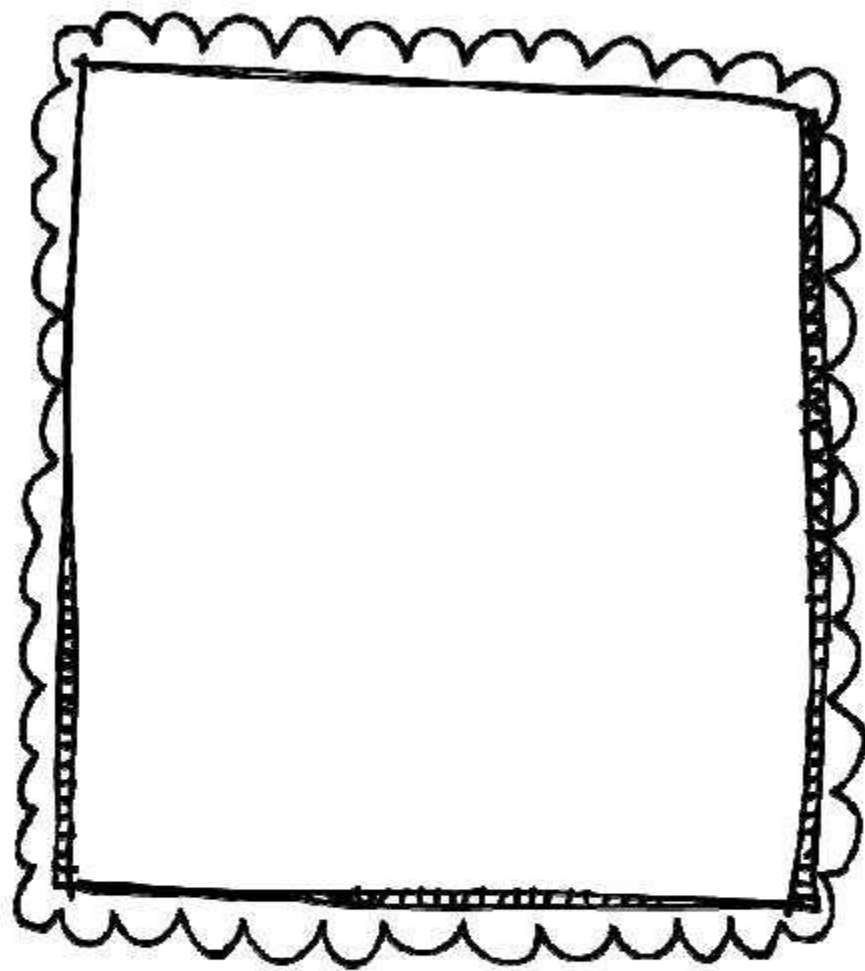
The motion of an object is affected by **gravity** (a force that pulls objects toward the center of the Earth,)



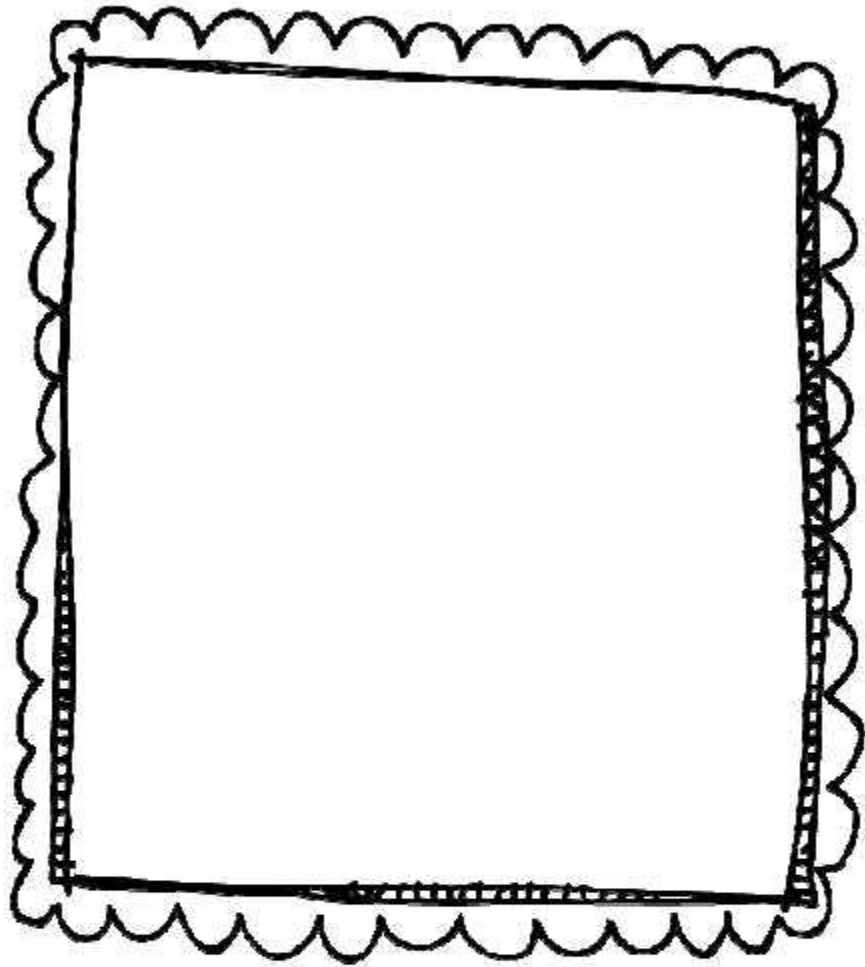
A force can change the direction an object is moving.



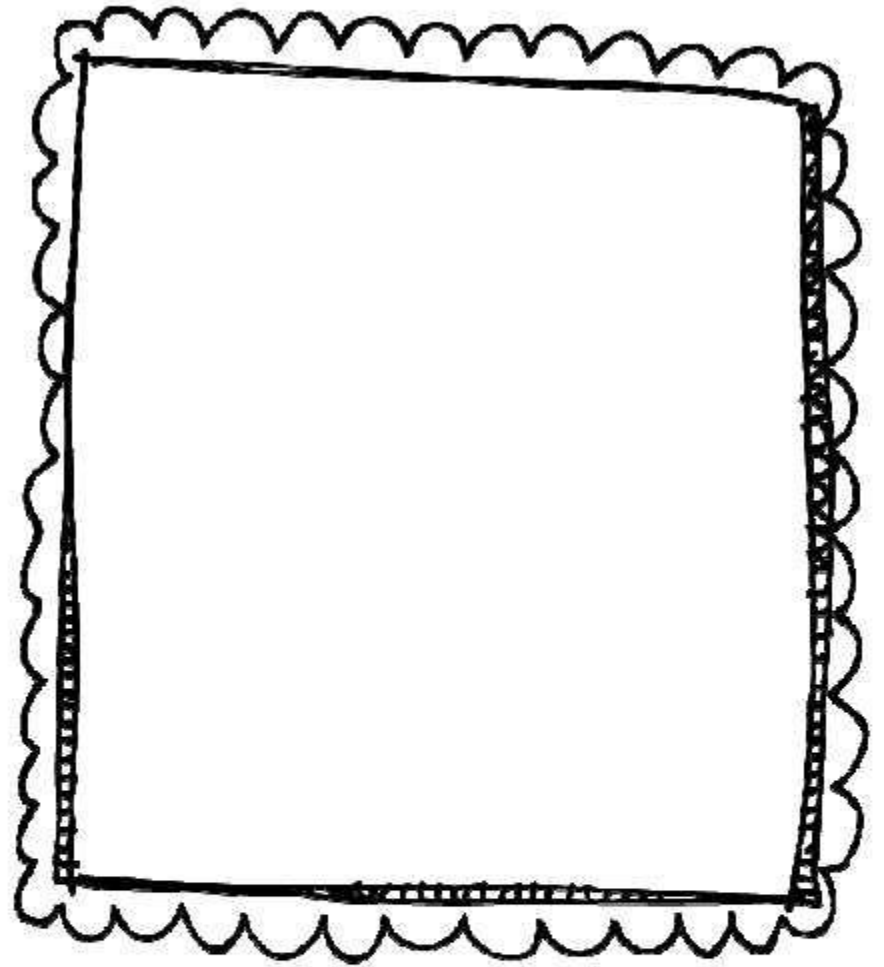
A force can change the shape of an object.



The greater the force, the greater the change in the position of an object.



An object in motion will continue to move in a straight line at a constant speed unless a force acts on it.



When the force on an object is increased, the speed increases.