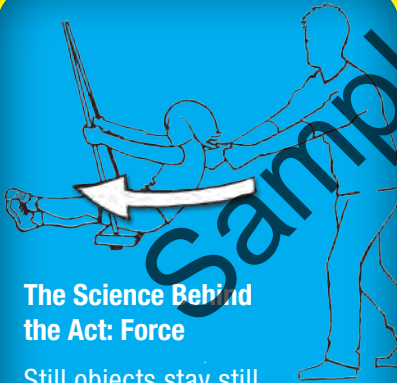


## ***Flying High***

Trapeze artists swing because of forces. Forces are pushes and pulls that make things move. The trapeze will not start swinging until the artist pushes off from the platform. The harder the trapeze artist pushes off, the faster the trapeze will swing. When the trapeze slows down, the artist swings back to the platform. Then the artist pushes off again.



### **The Science Behind the Act: Force**

Still objects stay still until a force moves them. An object will increase its speed more quickly if the force is stronger.



The harder you push off the platform, the faster you will swing.



It takes a lot of practice to do this.