SCIENCE EXPERIMENTS



Loop the Loop









So what are your thoughts on becoming the first toy dog in orbit.?

Ever wondered how satellites stay in orbit? Or why laundry in a washing machine is pushed against the sides during the spin cycle? Two forces—that of gravity and centrifugal force—are the reason. Try these experiments to see how these forces work.

You will need:

rope 24 inches (60 cm) long, bucket, soft rubber ball

Rat's Helpful Hint

Test forces at a fair or theme park. Go on one of those rides where you stand up while spinning around and the floor drops out from underneath you. It's another fun way to test forces.

What to do in your forces experiment

Tie the rope tightly to the handle of the bucket.



Put the ball in the bucket.





