

## Turning or staying in a circle requires a FORCE to hold you in Must point toward the center Must be exactly the right strength to hold the object in the circle.

too little -> leave the circle

too much -> come in toward the center

## How much force is just right?

**DEPENDS ON...** 

- How much mass there is
- How big the centripetal acceleration is

Turning or staying in a circle requires a FORCE to hold you in

## Something must provide the Centripetal Force

Must point toward the center

Must be the correct amount to hold the object in the circle











