BLOWING A CHANCE

BET YOU CAN'T BLOW UP A BALLOON IN A BOTTLE!

THE SETUP: Select a balloon that is easy to blow up. Put it in an empty soda bottle and stretch the neck of the balloon completely over the mouth of the bottle. Try to blow up the balloon so it fills the bottle.

THE FIX: So you thought this one would be easy? It's not only difficult, it's downright impossible. To inflate the balloon, you would need to compress the air trapped between the balloon and the bottle. To compress air requires force. Human lungs are not strong enough to inflate the balloon and to compress the trapped air.