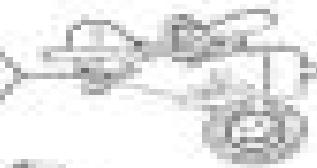




GRAVITY



Ball-and-Board



What happens when you roll a ball down when you pull the ball?

Where does the ball go? Do you need to push harder to get the ball to roll up the ramp?

Why?

Block-and-Block



What happens to the block in the shape when you pull your finger off the top?

Where does the block fall?

Why do you think this happens?



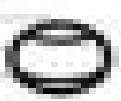
Drop-the-Block



Which ball is the greatest mass? Do they both hit the ground at the same time?

Does this always happen?

Why do you think this happens?



Bounce Ball



The ball has to push harder for the ball to not always hit the ground or go up the wall.

Why does the ball always land when you roll it along the floor?

Why doesn't the ball always land when you roll it along the floor ground?