



Gravity Pulls Things Down Activity for Kids

Gravity Beads DIY

 Duration: **10-20 min**  Difficulty: **Easy**  Cost: **\$0 to \$20**

Witness the force of gravity pull a string of beads completely out of a cup!

Material List

- 1** Large clear container
- 1** Very long string of party beads
- 1** Weight like a marker or pen

Instructions

- 1** Fill up the container with the string of beads. Careful not to tangle it.
- 2** Leave the end dangling out the top.
- 3** Take a small weight and tie it to the dangling end of the beads.
- 4** Now grab the weighted end of the beads and drop it.
- 5** Observe gravity in action as the beads fall.

How It Works

As the beads flow out to the floor, they form an arc up and out of the container. The force of gravity pulls down on the beads, but first they have to travel up out of the container. As one bead falls out, it pulls the next one out. The force of gravity pulls the weight down which causes the beads to be pulled out of the container.