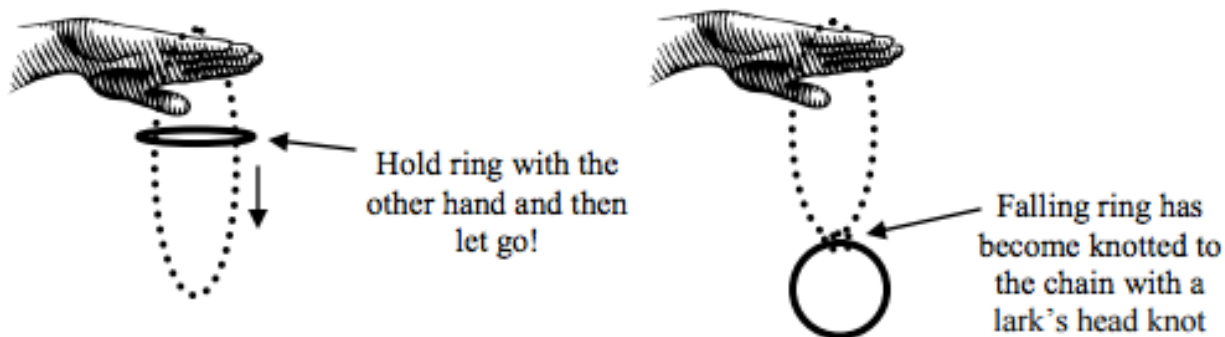


Physics Ring and Chain Trick

Inventory:

5 Welded Rings

5 30" Ball Chains



<http://www.raftbayarea.org/ideas/Catch%20a%20Falling%20Ring.pdf>

Directions

- 1) Hold the chain out in the loop with one hand.
- 2) Pick up and hold the ring parallel to the ground with your other hand.
- 3) Move the ring under and up the chain so it is close to the hand holding the chain.
- 4) Let go of the ring just right and it will catch in a lark's head knot at the bottom of the chain. Physics!

CHALLENGE: To master the ring and chain physics trick, you must get it to catch FIVE times in a row!

Short Science Story (S³)

There is a lot of physics involved in this physics trick but none we will mention here. You must figure it out through observation and trial & error!

REMEMBER: Failure is a part of learning!



Where to get rings and chains:

www.ballchain.com

#3 Nickel Plated Steel Ball Chains with Connector - 30 Inch Length (100 per Bag)

Direct Link: http://bit.ly/physics_chains

www.dj-associates.com

Item #: RR 4 ga x 1-1/4" Welded Round Rings, Nickel Plate

Item Name: Round Rings, Welded Steel, Nickel Plate

Direct Link: <https://bit.ly/PhysicsRings>

If you order at least 100 at a time, you can get the sets for less than \$1 each.

You can also get the rings and chains at a local hardware store if you want small quantities. Sets of rings and chains will cost between \$3-4 depending on the quantities you find and the length of chain you buy. Look for welded rings in the section that also has S-hooks for hanging lamps and plants. The ball chain can be found in the lighting section. At some places, namely Ace Hardware stores, you can buy it buy the foot and sometimes find colored chains – blue, rainbow, etc. You should know the colored coating does wear off with use.