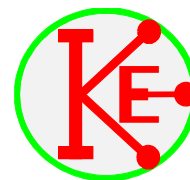


## CD / Balloon Hovercraft

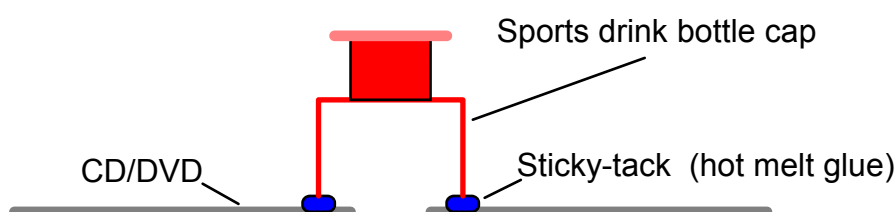


### You will need:-

- An old unwanted CD or DVD
- Sports drink bottle cap (pull to open/push to close type)
- Balloon
- Blue/White-tack or Hot melt glue

### Method

- 1). Ensure that the flat side of the CD is face down (printed side up).
- 2). Put a circle of sticky-tack or hot melt glue around the centre hole so that the bottle cap will sit in it
- 3). Take the cap and push it over the middle of the hole of the CD into the circle of hot melt glue. Push firmly until the glue has set, so that the cap is firmly stuck in place.

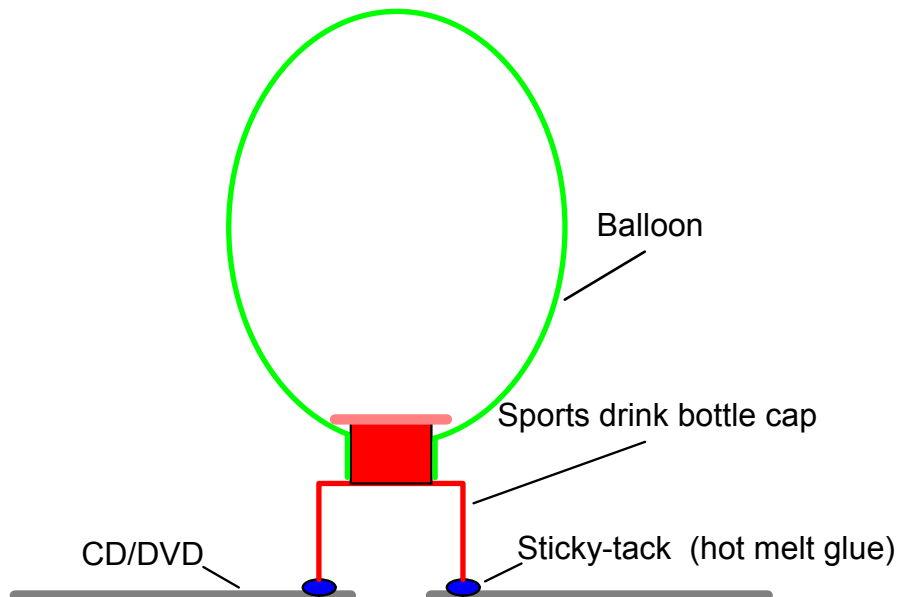


- 4). Inflate the balloon.
- 5). Make sure the sports drink bottle cap is closed and put the neck of the inflated balloon over the cap. Let go and the balloon should stay inflated - if it doesn't then make sure that the cap is closed. Your hovercraft is now complete.

To test your hovercraft, place the CD on the table or smooth floor and carefully lift up the top part of the sport bottle cap so that it's open.

*(Make sure you hold the cap down with one hand as you do this otherwise you might lift the cap off completely!)*

Give the CD a gentle push and it should glide across the surface only stopping when the balloon completely deflates.



A thin cushion of air is formed beneath the CD, so reducing friction between the CD and the surface, and enabling the CD to glide freely.