Step-by-Step Photo Guide

Detailed Worksheet
Arvind Gupta
Toys from Trash
www.arvindguptatoys.com/toys.html

- Step-by-Step Photo Guide
- Detailed Worksheet
Fold 4 layers of toilet paper in a square.
Cut a 3-cm diameter hole in the center.
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See 1 minute video at:
https://www.youtube.com/watch?v=lSkZ_zwfS2c
PLACE TOILET PAPER
ON TOP OF THE GLASS
Arvind Gupta
Toys from Trash
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- ✔ Step-by-Step Photo Guide
- ✔ Detailed Worksheet

WET THE TOILET PAPER
Arvind Gupta
Toys from Trash

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- Step-by-Step Photo Guide
- Detailed Worksheet
WET RIM OF SECOND GLASS

PLACE WET GLASS ON LOWER GLASS
All the oxygen will be consumed and there will be partial vacuum between glasses.

After some time candle will be extinguished.

The glasses will stick to each other and you can lift them up!
Glass Lifts Glass

1. Fold the toilet paper in four layers.
2. Cut a 4 cm diameter hole in its centre.
3. Fix a candle in one glass.
4. Place paper layers on the top of this glass.
5. Wet the toilet paper around the rim.
6. Light the candle.
7. Wet the rim of the other glass...
8. ... and invert it on the first glass. Wait until the candle extinguishes.

Hot air on cooling, contracts and creates a vacuum between the two glasses. The glasses stick and can be lifted together.

On lifting the top glass, the lower glass will also be raised.