

# Levitation illusion!

(Scotland, UK)

## Background

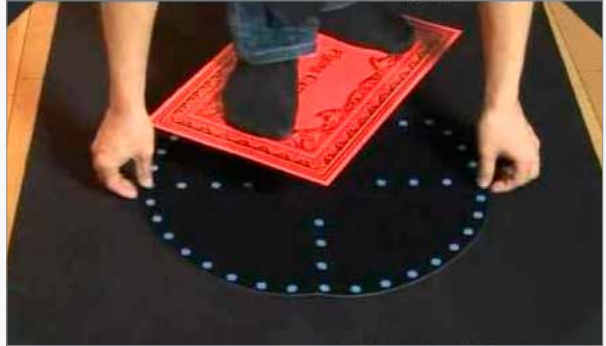
The audience will think you are levitating above the ground with this magic illusion.

## You will need:

- ✓ Tenyo flying carpet (available on Amazon) or else make your own version:
- ✓ Blue laminated circles
- ✓ Black cloth mat
- ✓ Black circular card ( $d \approx 40$  cm)
- ✓ Design your red flying carpet on PowerPoint
- ✓ 3-D glasses (Chromadepth glasses)

## Follow these steps:

1. Cut out and stick your blue circles to the black cloth as shown below and place it on a black mat.
2. Place the flying carpet on the blue dots as shown.



3. Get a member of the audience to put on the 3-D glasses.

## So what happened?

You will appear to be levitating above the black mat. Chromadepth glasses exacerbate chromatic aberration and give the illusion of colours taking up different positions in space, with red being in front, and blue being behind, hence the illusion of levitating.

## What next?

Investigate different colours to see the difference in height above the mat.

