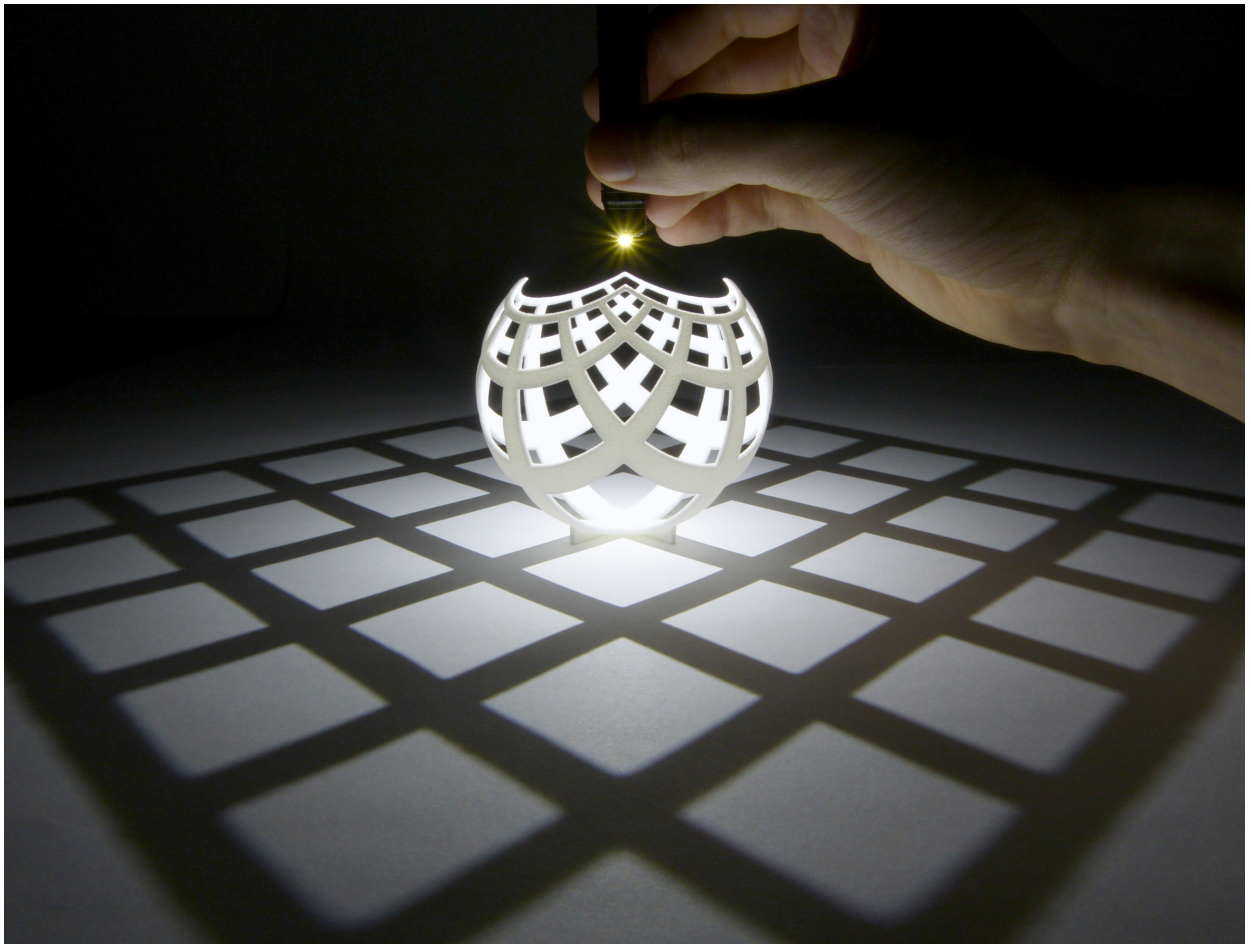


## Task: A Special Sphere (companion notes)

As a hint for the Special Sphere Handout, consider asking:

- What would happen if we shone a light directly down from the north pole of this sphere, and placed a sheet of paper under the south pole?

Allow students to wrestle with the hint, and insist on some theories, before revealing the following picture:



Big thanks to Henry Segerman for these images!

Check his website—[www.segerman.org](http://www.segerman.org)—where you can also buy physical models.