

Day 19: Refraction and Reflections.

You have likely seen refraction happen if you look through a glass ball, What is on the other side, flips. When light travels through water and glass, we get to see a distorted version of what is behind it. This unusual effect is totally natural, but with our cameras and some editing, we can make some visually appealing images.

Head to the kitchen and grab a clear glass and fill it with water. Wine glasses work really well for this sort of photography, but I don't want you getting into trouble. Ask your parents if it's ok or you can blame me! Then go on a hunt for things that have strong patterns that you can use as a backdrop.

Go to an area with nice light and set up your glass of water in front of your patterned backdrop. Shoot from slightly above, straight on and from slightly below looking up.

You can also try finding an image on your computer by looking up "abstract patterns" "crazy background" "geometric backdrops" and then put glass of water in front.

Try the method with a variety of backdrops, at least 4. Focus on the glass and make sure you tap your screen to lock your focus. Choose your favorite refracted image and edit it in Snapseed. Crop it, pump up the saturation, contrast, put a frame on it and upload.

- **Videos to watch:**
- [Refraction Photography: How to take a refraction photograph](#)
- [Refraction of light in water! Optical illusion!](#)

When you are finished, turn your image in for a grade

