

Make an Underwater Viewer

What's going on under the water? Sometimes it's hard to see when you're peering in from the outside. You can make an underwater viewer to see what's really going on under the surface of the tidepool, pond, or lake.

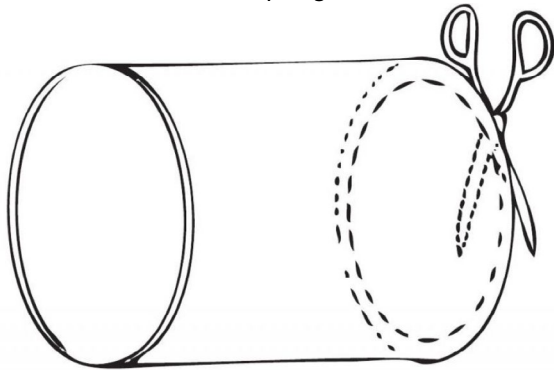
Always be safe at the water. Work with a partner and in shallow water or off a dock. If at the ocean, always have someone in charge of watching the tides and waves.

Materials:

- Plastic container such as a milk jug, yogurt, or cottage cheese tub
- Clear plastic "cling" wrap
- Scissors
- Rubber band

Steps:

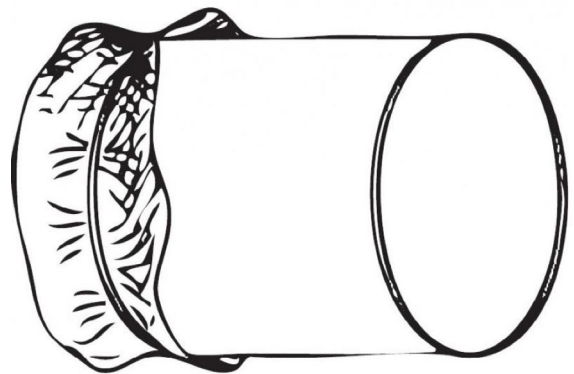
1. If you're using a milk jug, cut the top and bottom off. If you're using a yogurt container, cut off the bottom end. Make sure there are no sharp edges.



2. Stretch the clear plastic wrap tightly over one end of the container.



3. Attach the wrap to the container with an elastic band. Make sure it is watertight.



4. Now you can explore the underwater world with your scope! Go to the water's edge. Put the end of the container with the cling wrap underwater and look through the other end. What can you see?

**With your underwater viewer you can look
under the surface without getting your face wet!**

Try looking in different tidepools or different areas in the
body of water. Can you see different things in each part?
What animals can you see and what are they doing?
Make sketches of your observations and see if you can
identify the creatures using field guides.



Adapted/images from:

<https://www.ecoparent.ca/eco-parenting/make-underwater-viewing-scope>