

# DIY Bathyscope

Marine Biologists use a **bathyscope**, sometimes called an aquascope, to see clearly underwater through a large lens. It allows them to stay dry on land but get a full view of the ocean. Design and create a bathyscope to make your own underwater observations!

## WHAT YOU'LL NEED

- Plastic bag
- Rubber band
- Scissors
- Can or plastic container



[NHM.ORG/spongebob](http://NHM.ORG/spongebob)

## STEP 1

To begin, use a clear plastic bag to create the lens. You will also need a recycled can or plastic container such as a Pringles® can, coffee can, yogurt tub, or something that has a similar shape.



## STEP 2

If you're using a can, ask for help to remove the bottom with a can opener. If you're using a plastic container, ask for help cutting the bottom off. If you have a plastic lid, cut a hole in that too. The hole in the cup will become your viewing area!



### STEP 3

Cover the bottom with clear plastic and use a rubber band or the lid with a hole to hold it on. This is the side you will submerge into the water.



### STEP 4

Fill a bucket, a sink, or bathtub with water to test your design. Does it work? Test it by placing a small object in the water, such as a rock! Hold on to it for the next time you can use it in an outdoor water feature such as a pond, lake or the ocean!

