

# MY MODEL MEMBRANE PRESENTATION

**By JJ**  
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## Step 1: ASK

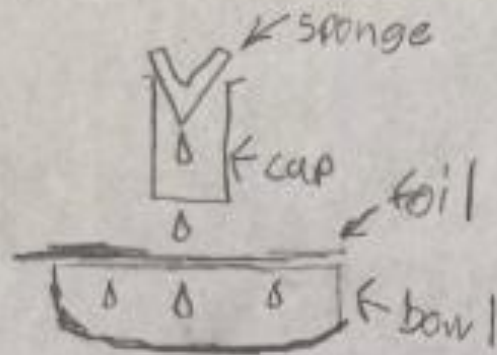
The problem is the frogs membrane is dry and I need to keep it moist. I can make a model membrane to keep it moist. The constraints are keeping it moist and keeping it from drowning.

## Step 2 : Imagine

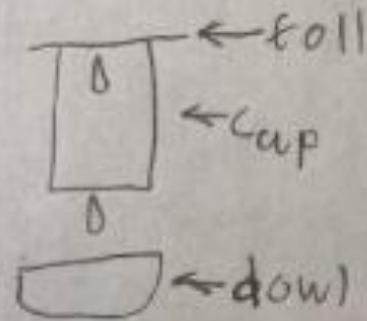
- Goal: I will setup a model membrane and keeping the membrane moist

I created three model membranes . I thought of using a cup, and foil. I went with model membrane design C because I thought that the water would come down slowly.

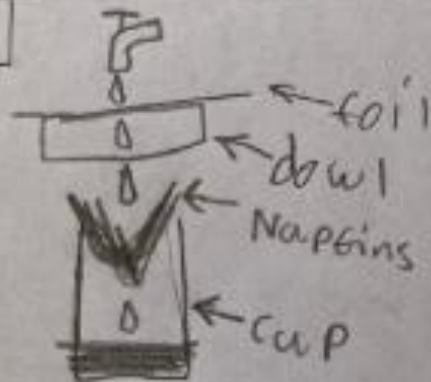
Idea #1



Idea #2



Idea #3

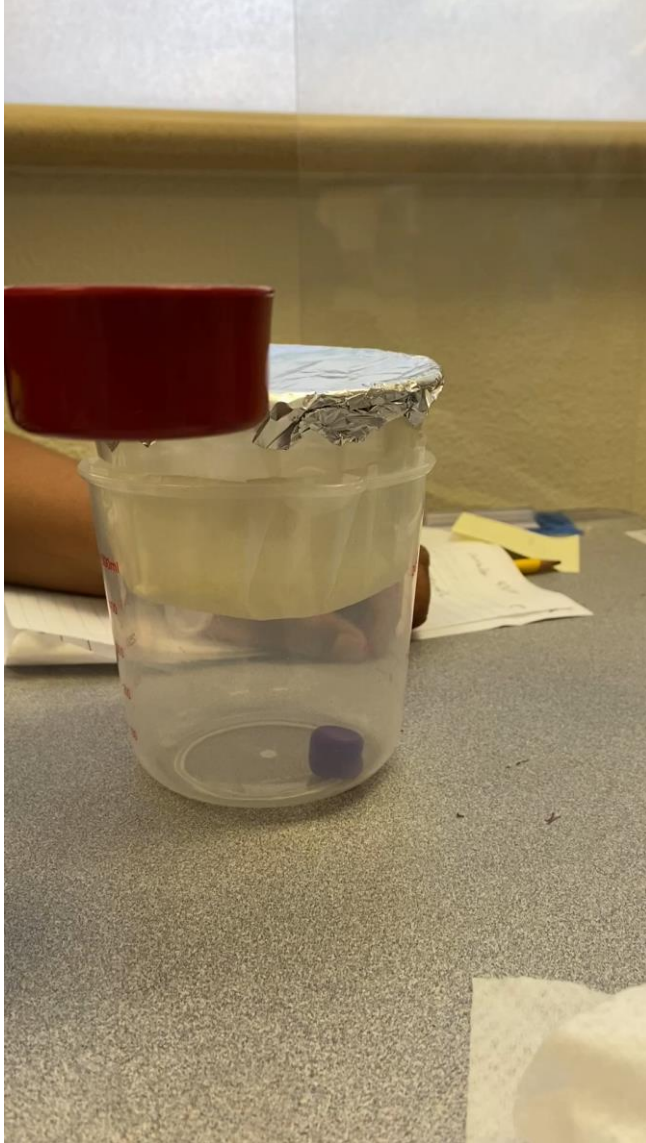


Idea #4

## Step 3: Plan

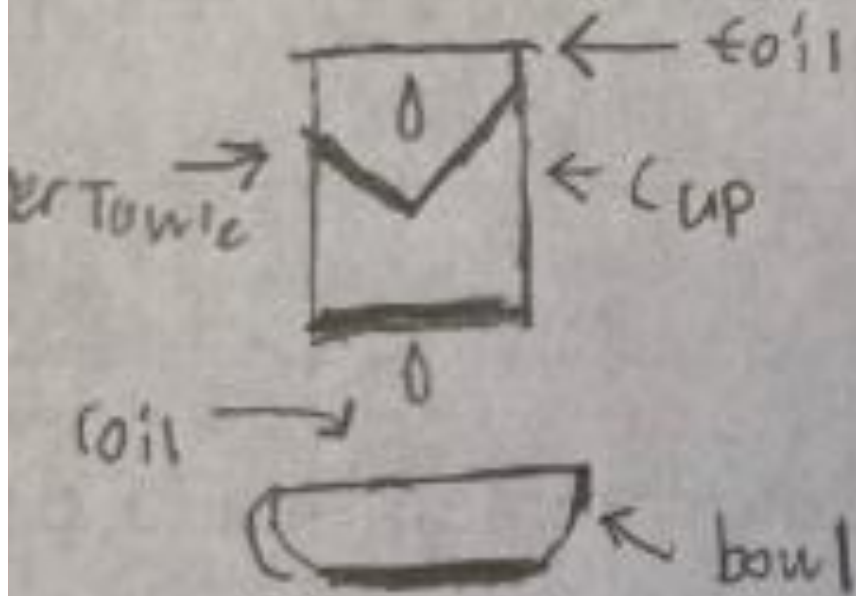
I chose model membrane Idea #3 because the water will go through the membrane slowly. For the membrane I will use foil, and sponge. I think my design will work because the foil on the bowl will take forever to let the water into the bowl.





## Step 4: Create

The outcome of my investigation was successful some of the water came through but most of it got soaked up by the sponge. Yes I met my goal because the goal was to keep the water from drowning the frog and it only let in a tad bit of water.



## Step 5 Improve

I am going to add a coffee filter to it this time and maybe it won't let any water run through. I will use a sponge instead because I think it won't let any water through. I will not use a plastic bag because it lets too much water in.