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**Glowing Jellyfish Sensory Bottle**


Stem Activities



Ages: 3-5



Less than 30 minutes



Grownup needed



Create a magical glowing jellyfish sensory bottle using recycled materials to simulate deep-sea effects, while exploring the science of density!

## Materials Needed

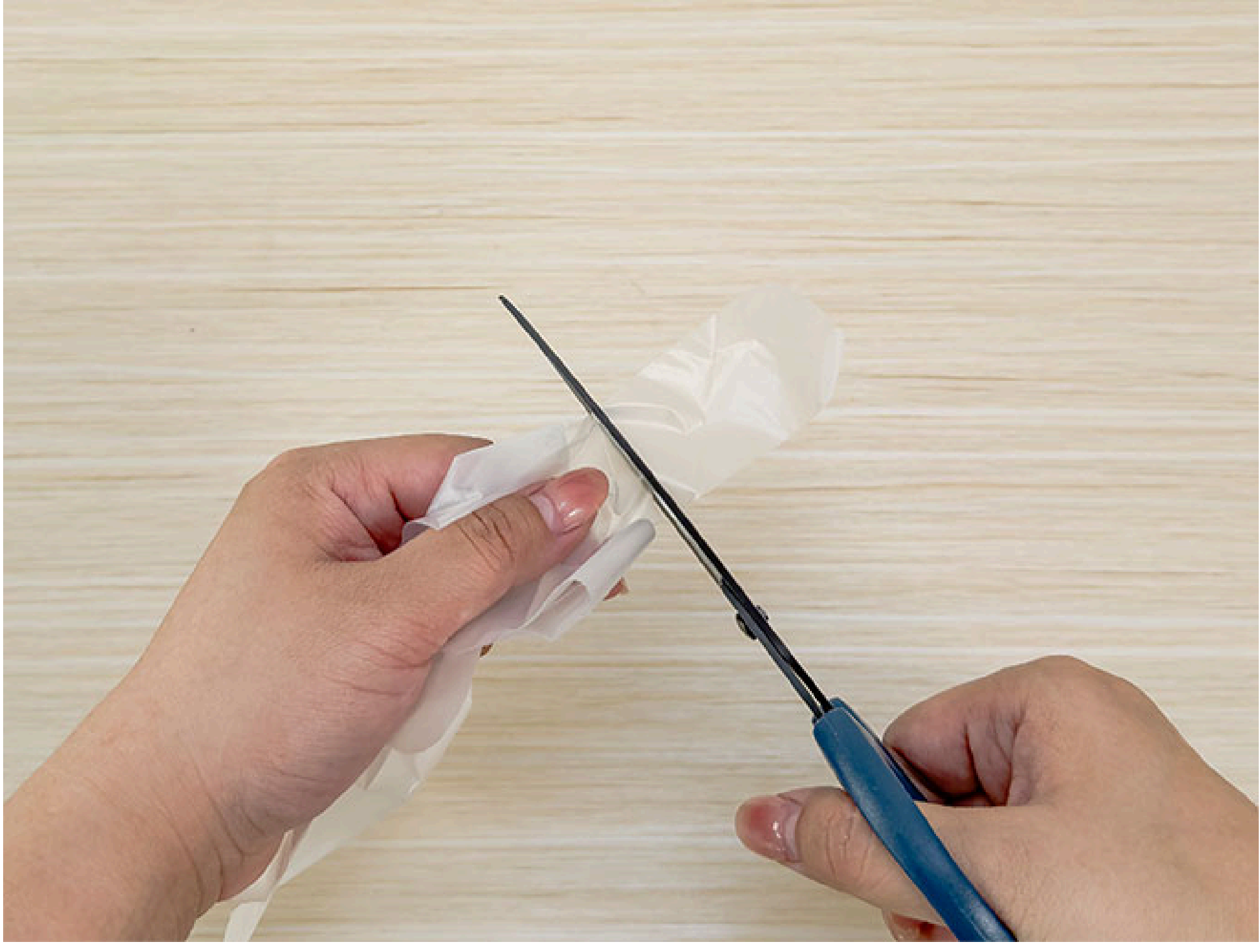
Plastic Bottle  
Food colouring  
Water  
Disposable gloves  
Scissors  
Torch



## Step-by-step tutorial

### Step 1

Using scissors, cut off one finger from the disposable glove.



### Step 2

Pour 20ml of water into the cut glove finger.



### Step 3

Tie a knot at the open end of the glove finger.



### Step 4

Cut the sealed end into strips with scissors.



### Step 5

Next, add 3-4 drops of food colouring to the water-filled plastic bottle.



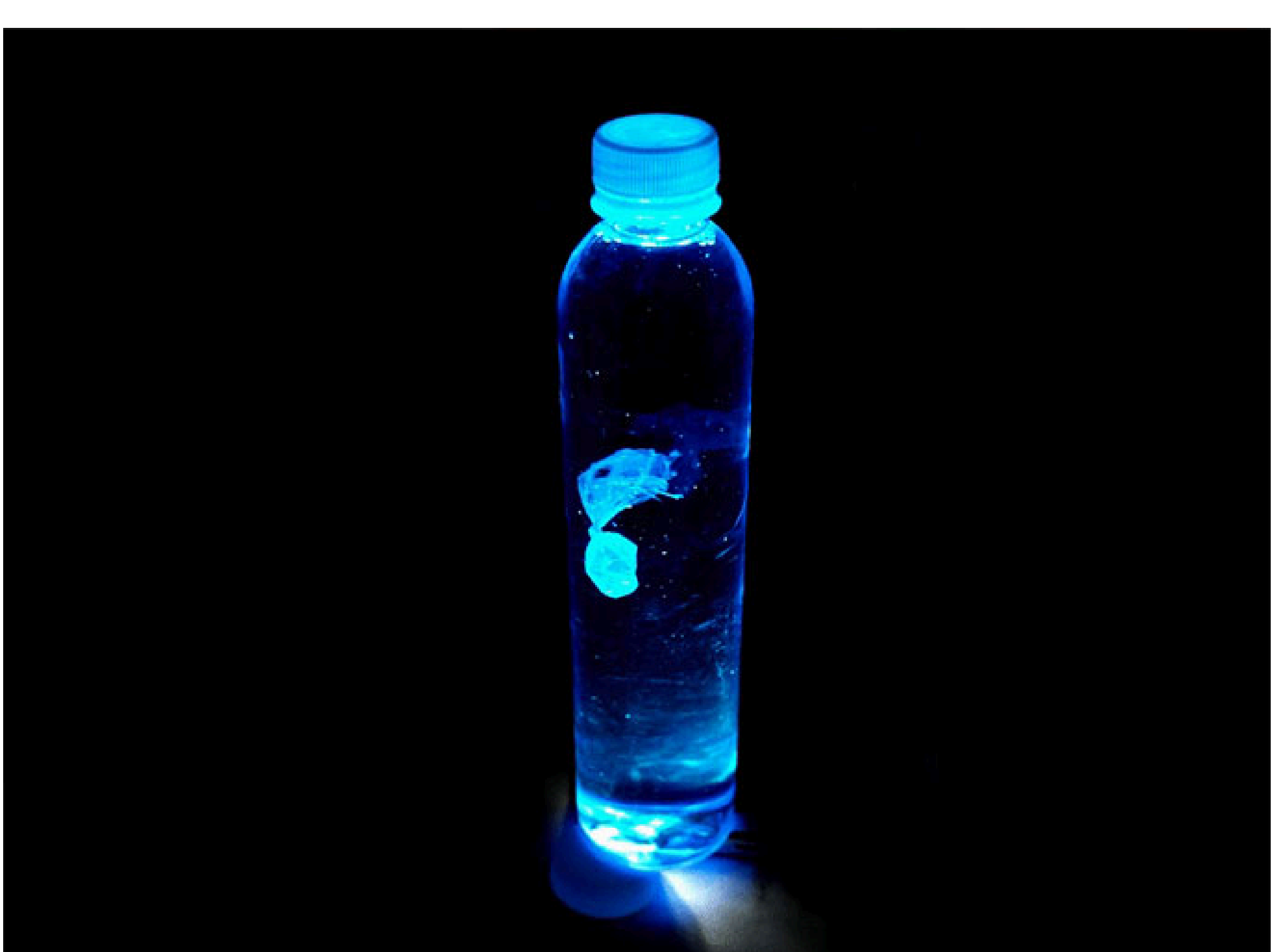
### Step 6

Finally, place the glove jellyfish into the plastic bottle and secure the lid tightly.



### Step 7

Turn on your mobile phone torch and place it on the table. Hold the bottle upside down until the glove jellyfish floats to the bottle's neck. Then quickly flip the bottle right-side-up with its base over the torch, and watch how the jellyfish moves.



## The Science Behind It:

The jellyfish made from the plastic glove contains air, and since air and plastic have a lower density than water, the jellyfish rises and floats to the surface. 😊