



C. elegans **Step 3: Getting the Worms out of the Tube and onto the Plate**

Need:

Eppendorf tube with worms
pipette
large petri dish with test and
control items on it

1. Look at bottom of Eppendorf tube to see a small whitish thing at the bottom of the tube. Those are your worms!
2. Use pipette to suck about half of the water off the top of the worms.
3. Squirt water into lid of small worm plate or into the waste basket.
4. Use your pipette again to GENTLY suck off as much water as you can WITHOUT sucking up the worms.
5. Once you remove as much water as you can, then use your pipette one more time to SUCK UP THE WORMS and place them onto your experimental plate.
6. You will notice that the worms have a hard time going anywhere while they are still in the bubble of water. They are not strong enough to break through the water's surface tension, so you might gently blow on your plate to help evaporate the water.
7. When you are done, gently move your plates to someplace cool so you can look at your results tomorrow.
8. If you have time now, or on the next day, draw another circle diagram of your plate, marking your test items, the control water, where the worms started, and then show where the worms moved TOWARDS or AWAY FROM.

