



## *Chemotaxis with C. elegans*

### Step 2: Setting Up Test Plates

You'll need

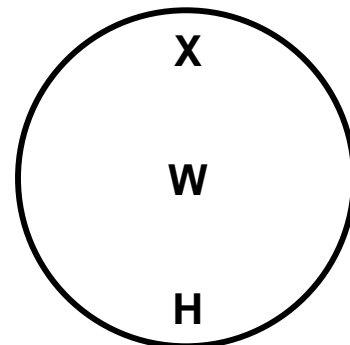
- a marking pen
- a large petri dish with a layer of agar
- an item to test (ie. sugar, peanut butter, Tobasco<sup>®</sup> sauce, bread, diet soda, Wite-Out<sup>®</sup>, toothpaste, etc.)

While waiting for the worms to become concentrated enough to use:

1. Write your initials on the side of the petri dish that holds the agar.
2. Decide which item you want to test.
3. Draw a circle on a sheet of paper or use one of the circles on your lab sheet to indicate where you plan to put the test item + the vehicle solvent + your worms

For example:

**Where** X = test item  
W = worms  
H = vehicle solvent (water or alcohol)



4. After drawing your plan, use a marker to put small marks on the **OUTSIDE bottom** of the petri dish, so you know where to put your test item, vehicle solvent, and worms.
5. Then put your **test item** and **vehicle solvent** on the inside of your plate on top of where you placed your marks.

**You ARE ALMOST DONE!!!!!!**

