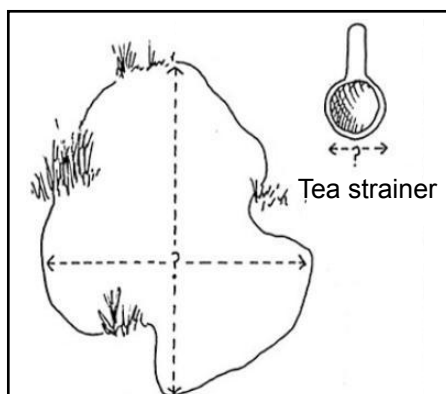


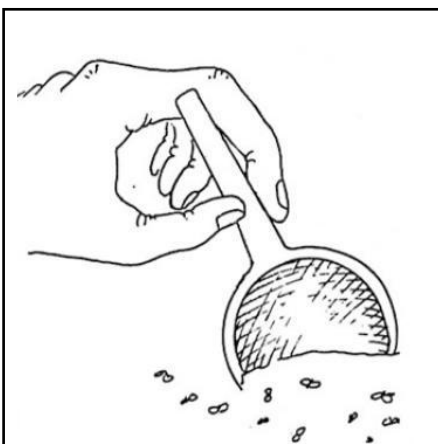
Measuring Duckweed

Begin by deciding how many samples of duckweed you will take from your aquarium or pond.



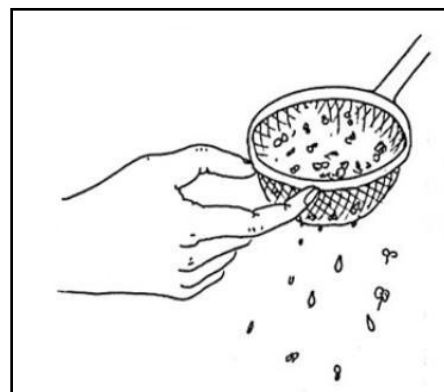
1. Measure the surface area of your tea strainer.

Measure the surface area of your aquarium or pond.



2. Lower the tea strainer carefully into the pond. It will disturb the duckweed.

Wait while the duckweed floats back over the strainer.



3. Gently raise the strainer and allow the water to drain off.

Brush all the duckweed off the outside.

Weighing duckweed

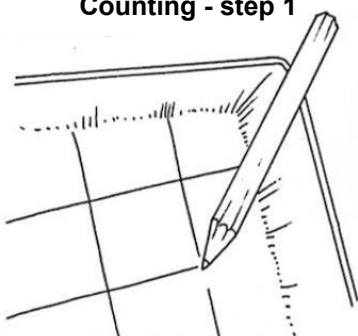


4. Scrape all the plants inside the strainer into the weighing boat.

Carefully dry the plants with some kitchen towel.

Note the weight of the plants.

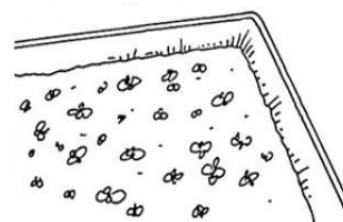
Counting - step 1



5. Mark the base of a shallow plastic tray with a wax pencil to create a grid of squares 5 cm x 5 cm.

Fill the tray with tap water to 1cm deep.

Counting - step 2



6. Empty the duckweed into the tray, and spread it out evenly.

Count the number of plants in one or more squares.

Now calculate the total number of plants.

