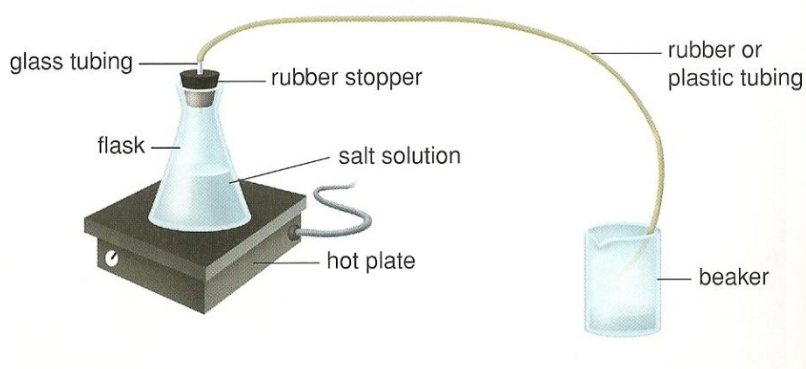


# Distillation of Water

## Equipment:

- Hot Plate
- Flask
- Rubber Stopper
- Rubber Tubing
- 2 Beakers
- Glass Slides
- Salt
- Water
- Droppers
- Tongs



## Directions

### *Group*

1. Measure 150 ml of water into a beaker.
2. Add 15 ml of salt to the water
3. Stir the salt water mixture until it is in solution.
4. Pour two thirds of the salt water solution into the flask.
5. Use the equipment to distil the salt water solution.
6. Stop the process when approximately half of the water has been removed from the flask.

### *Individual*

7. Using a marker, divide a slide into 3 sections, labelling them “A”, “B”, and “C”.
8. Write your name on the back of the slide.
9. Using a dropper, place identically sized drops of the following samples into the 3 sections of the slide
  - a. Salt water solution from the original beaker
  - b. Salt water solution remaining in the flask
  - c. Water that has been distilled from the salt water solution
10. Place your slide in the cupboard, to be used next class.

