LAB NUMBER: 3

TOPIC: Matter and Cells

TITLE: Osmosis

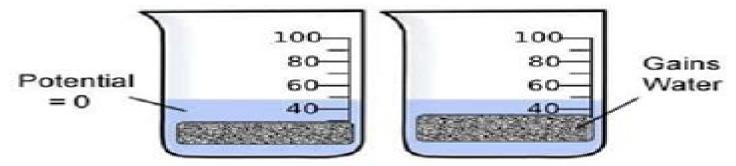
AIM: Two to observe osmosis in potato strips in two solutions

SKILL(S) ASSESSED: AI

MATERIALS/APPARATUS:

- 1. Two potato strips of equal dimensions (5cm x 1cm x 1cm)
- 2 small Beakers
- 3. 20g salt solution
- 4. Distilled water
- 5. Scotch tape/ sticky paper
- 6. Knife
- 7. Ruler
- 8. Scale

DIAGRAM:



PROCEDURE:

- 1. Label beakers A and B
- 2. Prepare potato strips using knife and a ruler to get accurate measurements
- 3. Wrap potato strips in tissue to remove excess water
- 4. Measure and weigh each strip, feel texture and record on a suitable table
- 5. Place one strip in each beaker labeled A and B
- Completely cover strip in beaker A with distilled Water and strip in beaker B with 20g salt solution
- 7. Leave for 20 minutes in the beakers
- 8. After 20 minutes, remove strips and dry using paper towel
- 9. Reweigh, measure and feel.

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