**TEACHER HANDOUT**

Goal: By the end of this activity students should understand what evaporation is.

Procedure:

This evaporation activity uses two cups of water--one that is covered and one that is uncovered--to show over days that the water in the uncovered cup evaporates (disappears) and the water in the covered cup retains more water. To perform this activity you need two cups, a marker and a material to cover a cup, such as cellophane wrap, and water. Mark a fill line on the cups in the same place on both cups; fill the cups with water to the fill line. Cover one of the cups with the cellophane and leave the other uncovered. Each day observe how much water has evaporated from the cups and mark the levels of water on each cup. You will notice that the water level reduces in the cup that has no cover. This is when you explain to the kids how evaporation works.

NOTES:

* Before beginning the lab, briefly define what evaporation is and how it plays a significant role in the weather as it can lead to rainy days and even perhaps a storm
* Depending on the weather, this lab should take at least 5 days for noticeable changes in the amount of water.
* Make sure to monitor each students as they mark a line for each cup each day.