**UCONN OCEANOGRAPHY TECHNOLOGY QUIZ**

**PROBLEM: Mrs. Michael was using Aquarium in Back Center of Room 201 until just recently. Pump was moving air down through Air Stones perfectly until SOME CLASS removed the fresh water and refilled tank almost to the surface with Instant Ocean Salt Water. After that point, although the pump was running AND working perfectly (because I checked it out), NO AIR BUBBLES were emerging from airstones at bottom of undergravel filter tubes. “I” assumed airstones were clogged up, so replaced both with NEW stones but neither the vertical tube nor the stones were the problem…..STILL “no air bubbles emerging from airstones”. Yet, I was able to FIX everything within 30 seconds without replacing any of the original equipment.**

**ASSIGNMENT – You should approach this QUIZ as a Scientific Team using any and all RESOURCES at your disposal. You have until this THURSDAY (high noon) to present a hypothesis which EXPLAINS what the problem was. IF the correct diagnosis is sent from the UCONN OCEANOGRAPHY CLASS to Mrs. Martin (****lmartin@rsd13.org****) BEFORE you leave for the DURHAM FAIR, you all get 100….if not, you all flunk.**

**Sincerely,**

**Mrs. Martin**