



PERPETUAL CAPILLARY EFFECT



SCHOOL: RANSOM EVERGLADES SCHOOL

LOCATION: MIAMI, FL

FLIGHT PROVIDER: BLUE ORIGIN

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment tests capillary action with water in microgravity. We will use a closed tube system where the water cannot escape. In microgravity, we expect that the water will exit the bottom reservoir and enter the tube, and travel to the top reservoir using forces of capillary action. We hypothesize that it will fill up the top reservoir, and then repeat the process. We plan to observe if water accelerates, decelerates, or maintains a constant speed.