



ORBITAL RENEWABLE BIO SPHERES (ORBS)



SCHOOL: DIAMOND BAR HIGH SCHOOL

LOCATION: DIAMOND BAR, CA

FLIGHT PROVIDER: BLUE ORIGIN

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment tests the feasibility of sending biodegradable pods that hold liquid to space to contribute to greater sustainability of space travel. Our pods will be made of compostable cling wrap and filled with colored water. Pods of different shapes will be separated in two chambers and will be filmed with a mini spy cam. The pods will be tested to see if they will provide a more efficient way of storing single-use liquid in space.