



HOW WILL HYDROPHOBIC AND NON-HYDROPHOBIC SPONGES REACT WITH WATER IN MICROGRAVITY?



SCHOOL: ASU PREPARATORY ACADEMY-POLYTECHNIC HIGH SCHOOL

LOCATION: MESA, AZ

FLIGHT PROVIDER: BLUE ORIGIN

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

We want to study the interaction of water with a hydrophobic and non-hydrophobic sponge in microgravity. We plan to have a syringe system that will squirt out water onto two sponges that will be either glued to or held on either side of the container. The findings from our experiment may help develop water containers that can grow plants in space.