



MICROGRAVITY NAIL CLIPPER ATTACHMENT



SCHOOL: BRENTWOOD HIGH SCHOOL

LOCATION: BRENTWOOD, NY

FLIGHT PROVIDER: UP AEROSPACE

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

The aim of our experiment is to improve the way that fingernails are clipped during space travel. Our experiment is designed to clip and capture nails in microgravity. The design will have a 3D printed clear dome with a flat bottom, foam that will allow the nail to be inserted while preventing clipped nail particles from escaping, and a nail clipper secured onto the dome along with mesh that clipped nails can fall into. We hope that our experiment will contribute to easier self-care in space.