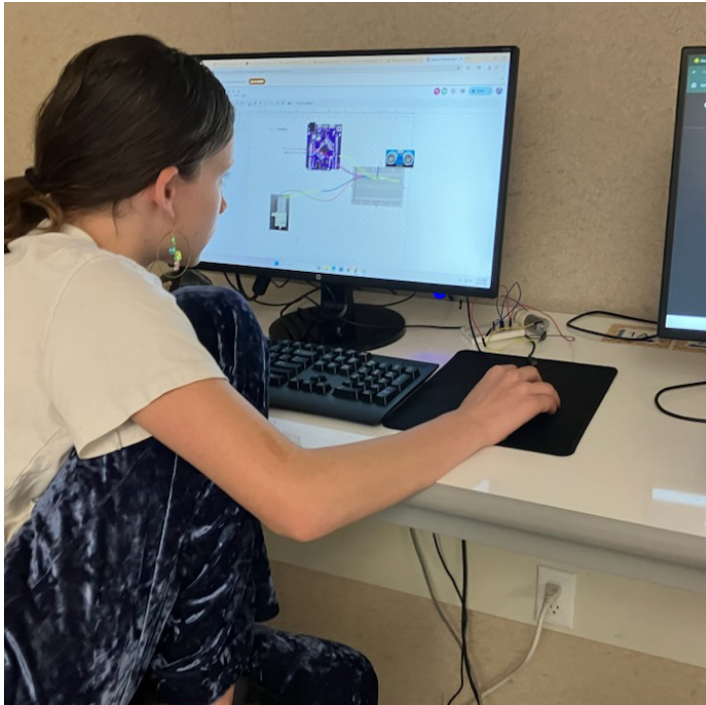
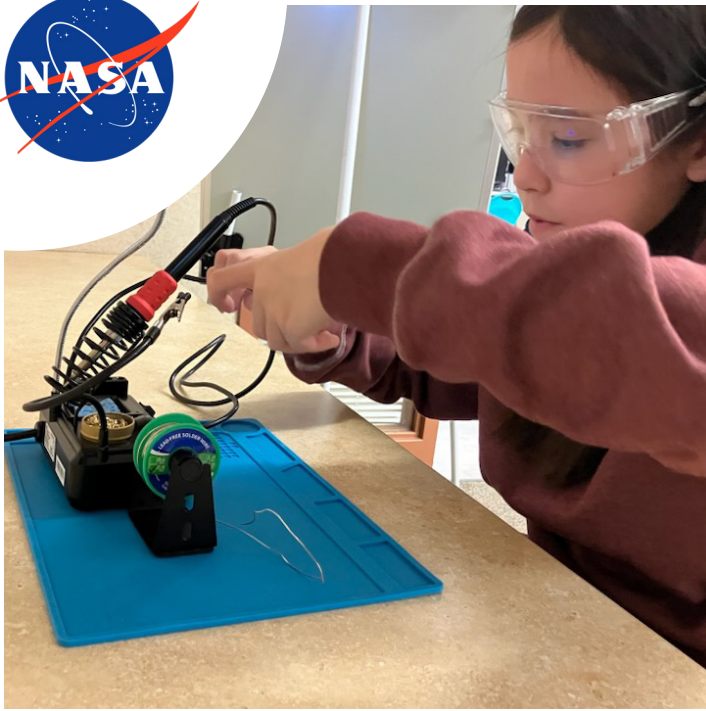
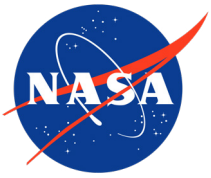




SMALL PROPULSION SYSTEM IN MICRO-GRAVITY 7.1



SCHOOL: ALTONA MIDDLE SCHOOL

LOCATION: LONGMONT, CO

FLIGHT PROVIDER: VIRGIN GALACTIC

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment aims to test a small propulsion system in the microgravity provided by the suborbital flight. We hypothesize that releasing air out of nozzles in a small cube will propel that cube in the opposite direction. The distance sensor will measure how far the cube is going to travel in 3 minutes of microgravity. Our inspiration was from an article about a drone prototype using fans to navigate around a room.