



STAB SCIENCE



- SCHOOL: GREELY MIDDLE SCHOOL
- VEHICLE: BLUE ORIGIN 24
- GRADES: MIDDLE SCHOOL

EXPERIMENT DESCRIPTION

Our experiment is called “stab science” and tests how blood reacts in microgravity. We are going to make a small incision on a piece of fake skin to find out the best way to heal astronauts in the future. Our experiment has a blade that stabs a 3D printed cylinder with blood in it. A solenoid thrusts the blade into the skin releasing the blood inside. When stabbed the syringe will be able to push blood through the tubes. The tubes lead to a second solenoid that pushes blood into the cylinder.