



## HOW EFFECTIVE ARE VARIOUS FERROMAGNETIC MATERIALS IN REDUCING THE MAGNETIC FIELD INTENSITY WITHIN A SYSTEM?



**SCHOOL:** REEDY HIGH SCHOOL

**LOCATION:** FRISCO, TX

**FLIGHT PROVIDER:** WORLD VIEW

**GRADES:** HIGH SCHOOL

### STUDENT EXPERIMENT DESCRIPTION

We have decided to research and experiment with different ferromagnetic composites that can oppose irregularities among magnetic fields to prevent further damage in orbital machinery. Our overall goal is to devise a solution to prevent magnetic field fluctuations from interfering with critical components in space machinery.