



## RADIATION SHIELDING IN THE UPPER ATMOSPHERE



**SCHOOL:** THE VANGUARD SCHOOL

**LOCATION:** COLORADO SPRINGS, CO

**FLIGHT PROVIDER:** AEROSTAR

**GRADES:** HIGH SCHOOL

### STUDENT EXPERIMENT DESCRIPTION

This experiment is designed to test the effects of different materials on radiation shielding. The containment component was modeled and printed to hold 5 material test samples plus one control. Each sample is in its own chamber with a geiger counter, which will take data throughout the flight.