



MEASUREMENT OF UV RADIATION AND HOW EFFECTIVE DIFFERENT MATERIALS ARE AT BLOCKING IT



SCHOOL: NESBITT DISCOVERY ACADEMY

LOCATION: ASHEVILLE, NC

FLIGHT PROVIDER: AEROSTAR

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment will test how well different materials block UV-C radiation. We decided to do this experiment because we know that as air travel starts taking place higher in the atmosphere, it will be important to see what materials, specifically transparent materials, would best protect people from UV radiation. UV-C is almost entirely blocked by our atmosphere and cannot be tested from Earth's surface. This experiment provides us an opportunity to test with UV-C radiation.