



## SHOULD AIRLINE PASSENGERS AND ASTRONAUTS WEAR SUNSCREEN?



**SCHOOL:** NORTH PUTNAM MIDDLE SCHOOL

**LOCATION:** ROACHDALE, IN

**FLIGHT PROVIDER:** AEROSTAR

**GRADES:** MIDDLE SCHOOL

### STUDENT EXPERIMENT DESCRIPTION

Should airline passengers and astronauts wear sunscreen? We are going to test if UV blocking film can supply sufficient protection from UV light at high altitudes. We will use an Arduino Uno and a GUYA-S12SD to detect radiation. UV blocking film will be placed over one of the radiation detectors. The unprotected detector will be used as a control to compare to the protected detector.