



HOW DOES RADIATION CHANGE AS ALTITUDE INCREASE AND DOES RADIATION CHANGE DEPENDING ON THE ENVIRONMENT BENEATH THE BALLOON?



SCHOOL: FLINT CULTURAL CENTER ACADEMY

LOCATION: FLINT, MI

FLIGHT PROVIDER: AEROSTAR

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment aims to measure radiation in the atmosphere and compare it with images of the land below as well as altitude. We will use a Geiger counter to measure the radiation and a camera to take a new image every minute. We will save the Geiger counter data and the altitude data to a data logger. Once our experiment has flown, we will compare and contrast the Geiger counter data from different altitudes and from above different types of land to draw conclusions about the effects of altitude and environment on radiation.