



METHANE MAVERICKS



SCHOOL: WHITE CLOUD JUNIOR HIGH

LOCATION: WHITE CLOUD, MI

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our team will investigate the temperatures at which UV light will break down methane into CO₂ in our upper atmosphere. We hypothesize that the methane levels will increase as the payload goes into the atmosphere because the temperature will decrease causing UV light to be less effective in breaking down the methane. Last year a drought impacted the crops in our area and we wanted to build off of a previous experiment that measured CO₂ over different landforms.