



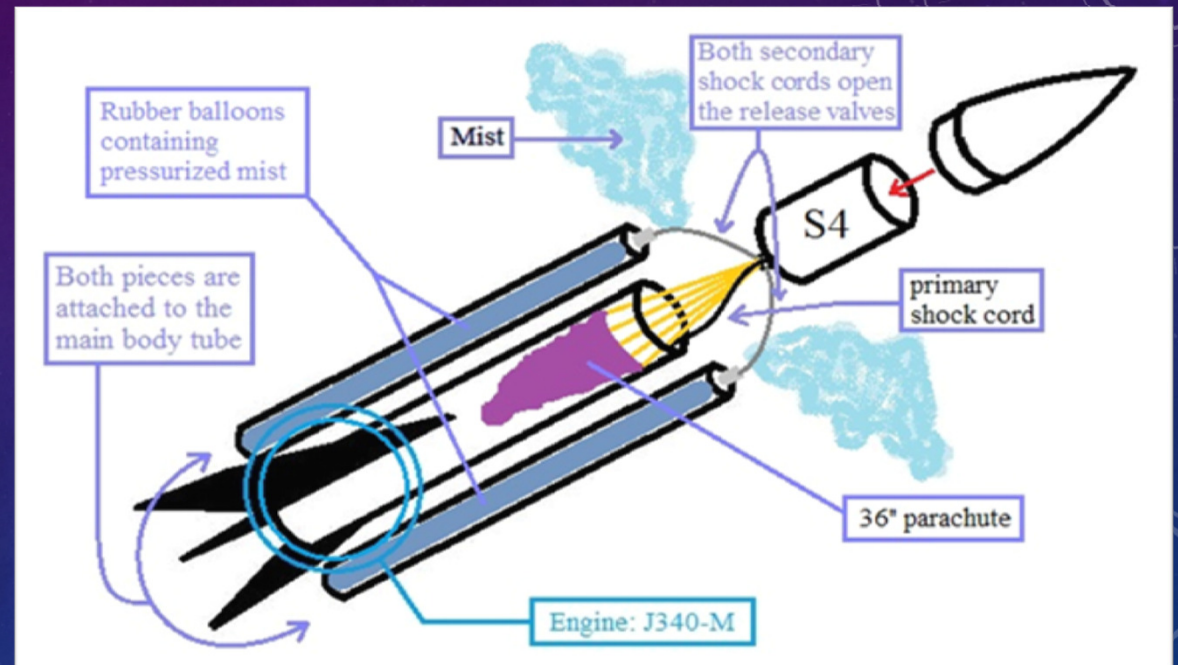
2015 SMALL SATELLITES FOR SECONDARY SCHOOLS COMPETITION

MEASURING AND COMPARING RELATIVE AIR
HUMIDITY IN ARID AND EQUATORIAL REGIONS

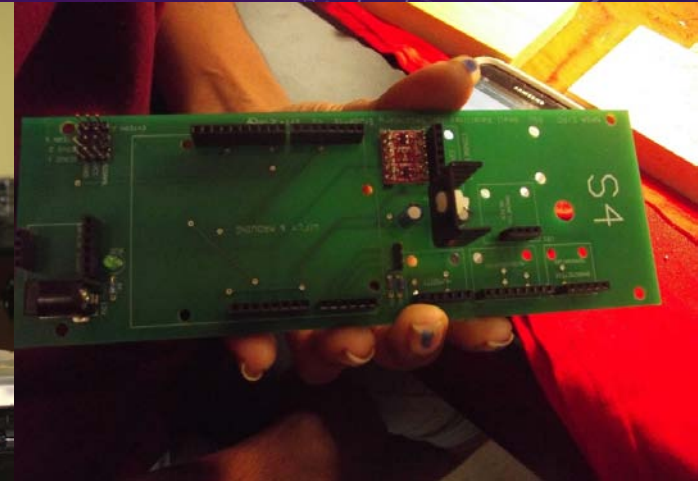
Team Virgin Islands
June 30, 2015

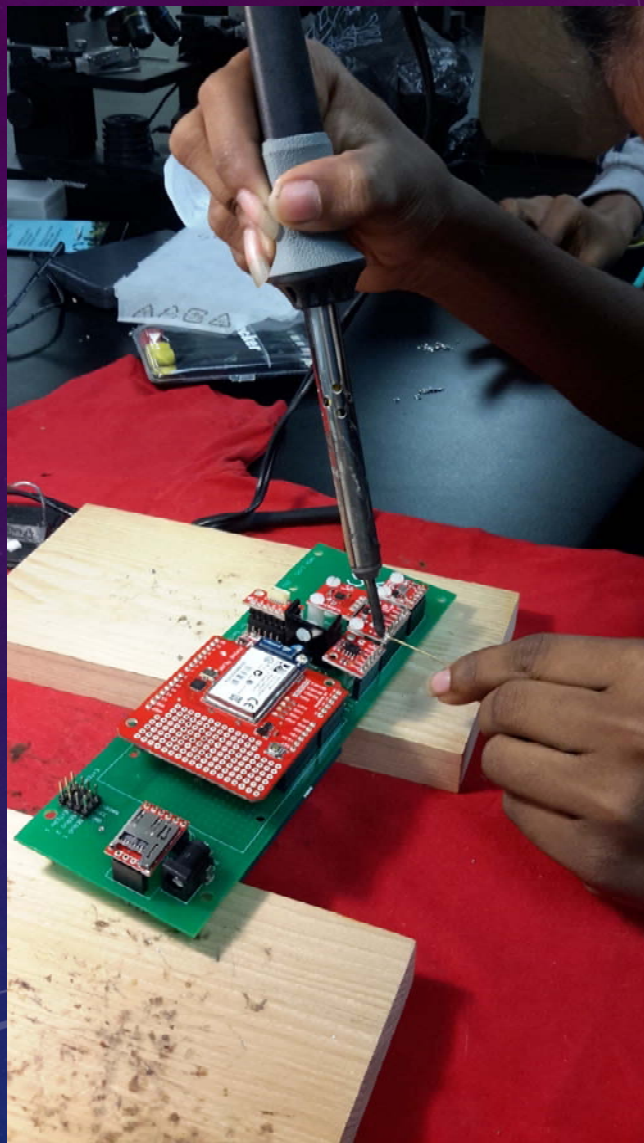
S4 PROJECT

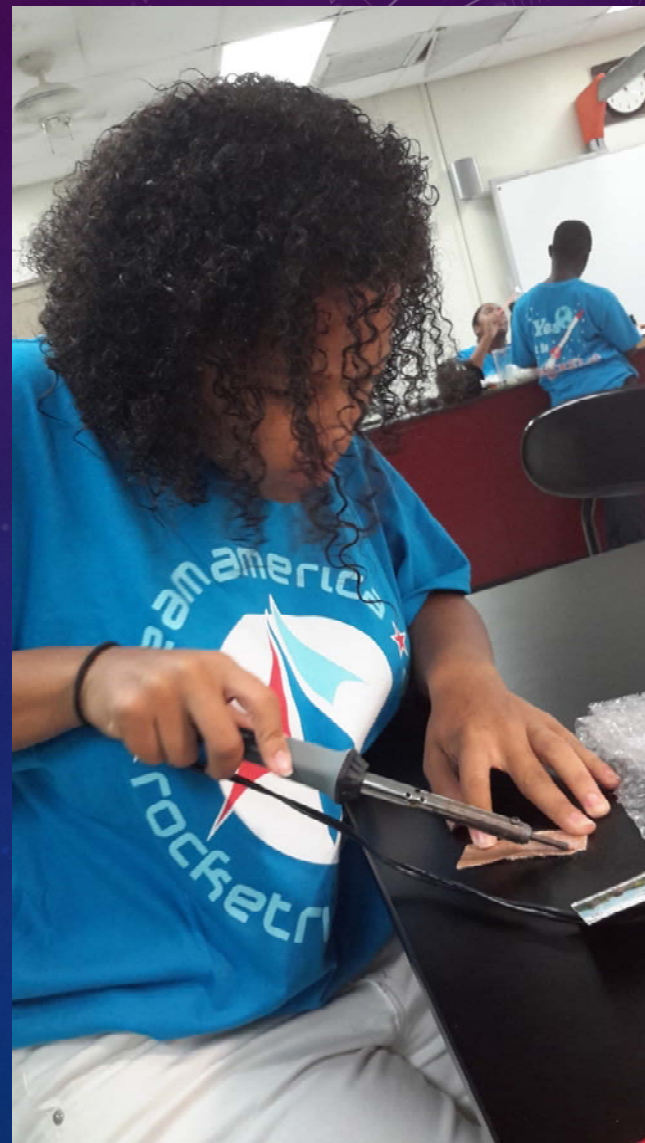
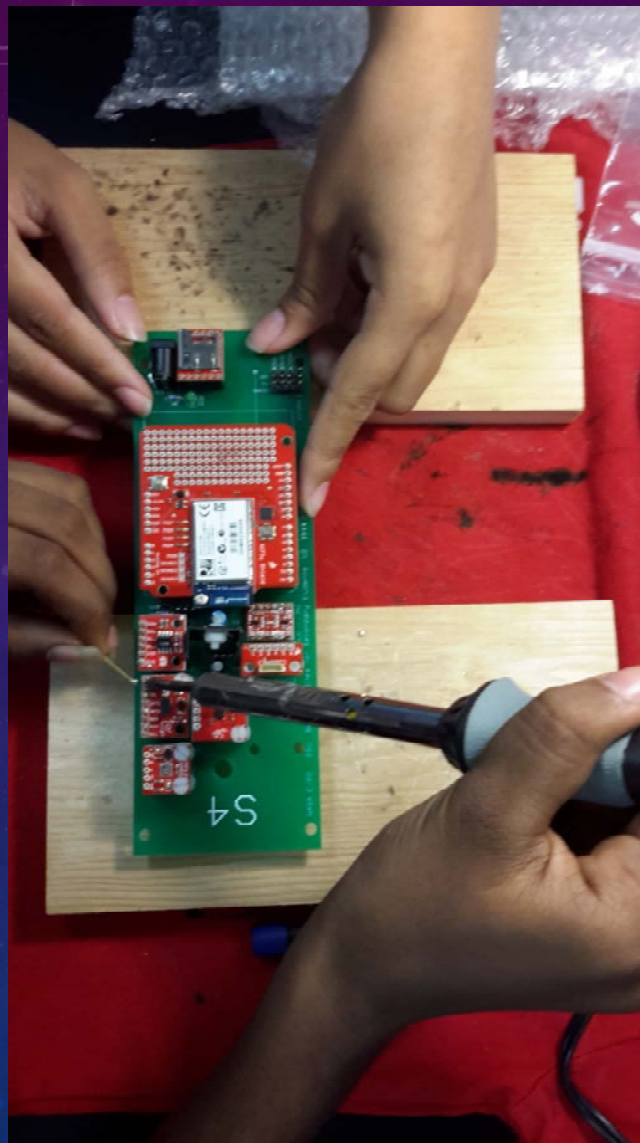
This project examines the relationship/difference in relative humidity in an arid area such as Nevada and an equatorial region by simulating a moistened column of air at an altitude of about 5,000 feet. Our project is designed to compare relative air humidity in two distinct areas. Because Blackrock, Nevada, the proposed launch site, is generally an arid area, the experiment calls for the manipulation of a column of air at an altitude of about one mile to simulate an equatorial area at an altitude of about one mile.

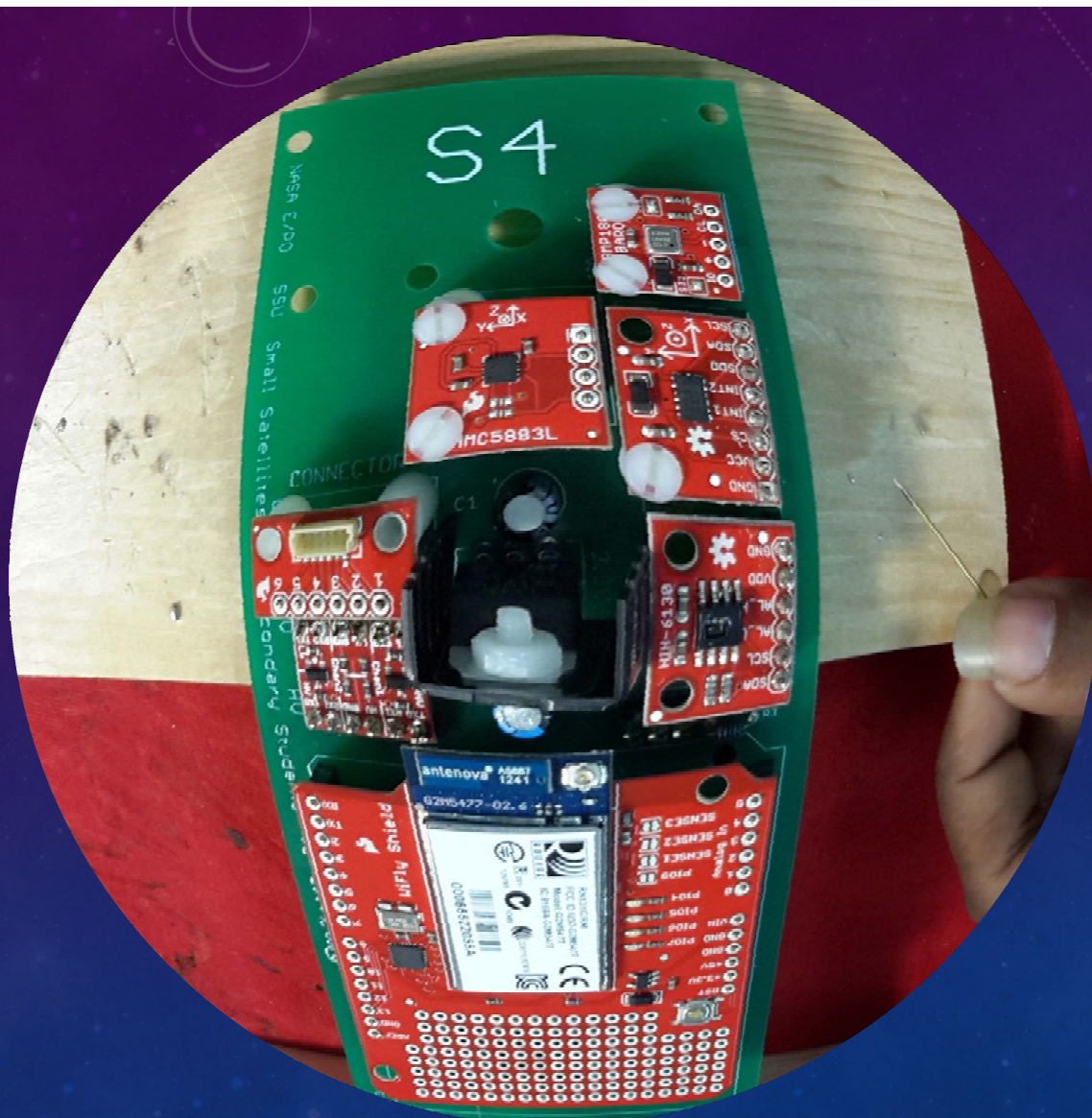


S4 PROCESS

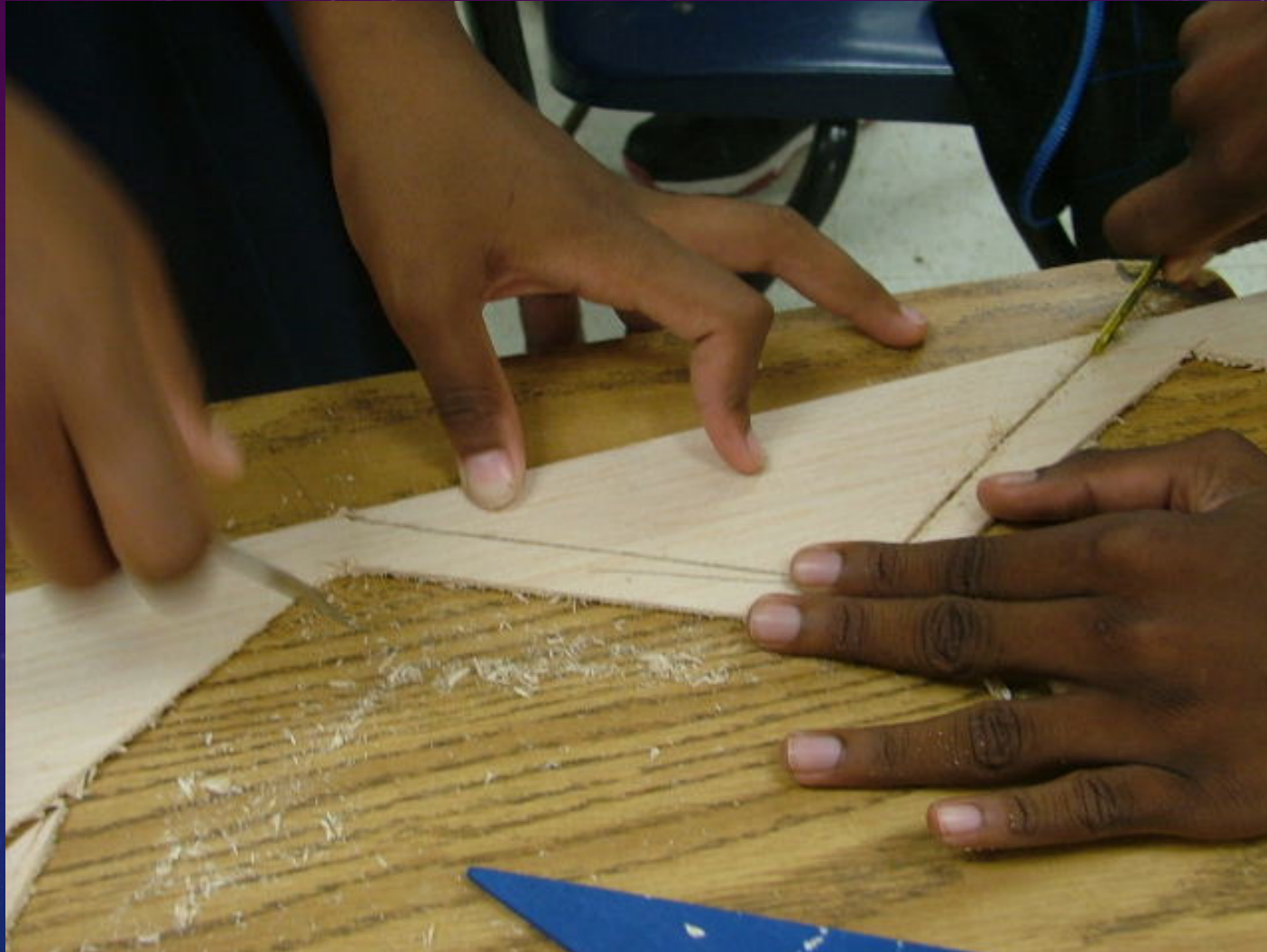




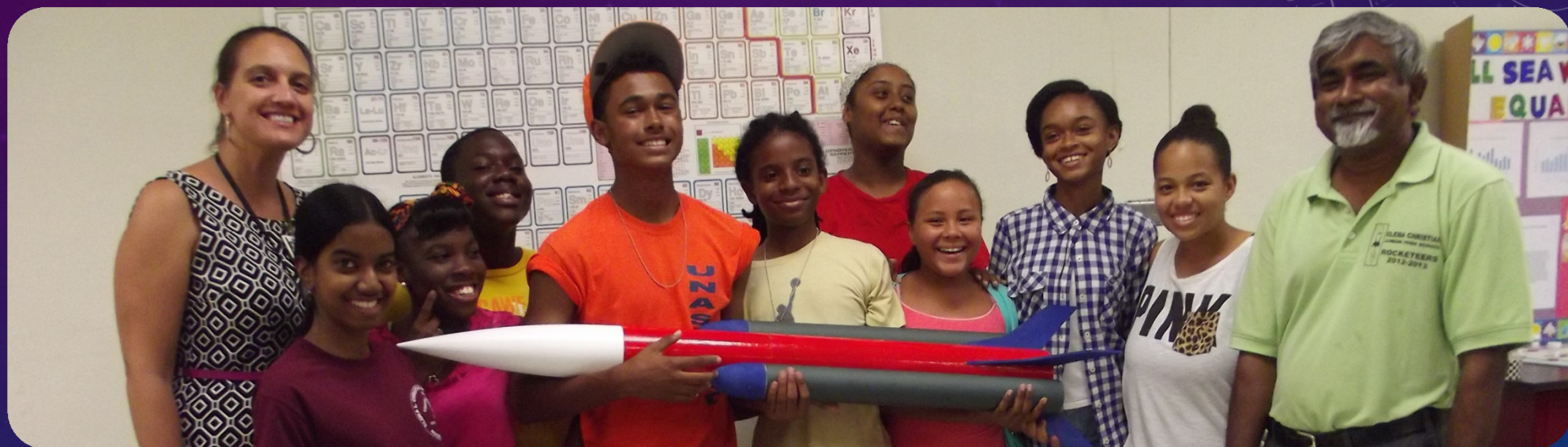


















Humidity vs. Time

