



## DIFFERENT MATERIAL CASES



**SCHOOL:** FOREST CREEK MIDDLE SCHOOL

**LOCATION:** FORT MILL, SC

**FLIGHT PROVIDER:** WORLD VIEW

**GRADES:** MIDDLE SCHOOL

### STUDENT EXPERIMENT DESCRIPTION

Digital temperature sensors will collect data on the conductivity of the materials in the high-altitude environment. The temperature sensors will keep track of the internal temperatures of the materials to yield the conductivity factor. A camera will monitor the materials through atmospheric layers, monitoring how some materials react to the low pressure and conditions of the high-altitude environments, including shrinkage or stretching.