



## FLORA AD ASTRA



**SCHOOL:** THE HOCKADAY SCHOOL

**LOCATION:** DALLAS, TX

**FLIGHT PROVIDER:** WORLD VIEW

**GRADES:** MIDDLE SCHOOL

### STUDENT EXPERIMENT DESCRIPTION

We hypothesize that romaine lettuce, chia, and rosemary seeds will be shielded from the radiation in space by our chosen materials, acrylic and polyimide. These materials will shield seeds in our flight box from radiation while sensors actively monitor and collect data from them. Our inspiration was learning about how plants grow and adapt and our end goal is to use this data to construct a greenhouse that is independent of the ISS, or any future space stations.