



MEASURING THE DEGRADATION OF POLYMERS FROM ULTRAVIOLET RADIATION



- TECHRISE
- SCHOOL: WESTVIEW HIGH SCHOOL
- TECHRISE
- LOCATION: PORTLAND, OR
- TECHRISE
- FLIGHT PROVIDER: WORLD VIEW
- TECHRISE
- GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment aims to measure the effects of UV radiation on polymers so we can learn what's emitted when the plastic degrades and if these plastics could be repurposed. We believe that UV radiation from the sun will be the main cause of degradation on plastic, with each polymer enduring varying effects. UV radiation was an interest we all had, and climate change is a concern where more knowledge in this field is vital to help create a solution.