



HOW MUCH RADIATION DOES FOOD SOAK UP?



SCHOOL: TEMPLETON ACADEMY

LOCATION: WASHINGTON, DC

FLIGHT PROVIDER: AEROSTAR

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

In our TechRise project, our group sought to understand further the effects of UV radiation on food, specifically in the stratosphere. To do so, we decided to send up a Twinkie, an infamously durable snack cake! Using a circuit board and adaptable Geiger counter, our experiment will measure the amount of radiation in the atmosphere. We aim to help better understand what danger astronauts could face from food-related radiation contamination during their journey to space.