



YEAST TO THE STARS



SCHOOL: WILLIAM S. COHEN SCHOOL

LOCATION: BANGOR, ME

FLIGHT PROVIDER: WORLD VIEW

GRADES: MIDDLE SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment aims to test how the stratosphere affects yeast. During flight, we hypothesize that the yeast cells could die or mutate. After the experiment is done, we will compare and contrast the yeast that went "To the Stars" to the yeast staying on earth. We plan to make bread with the exposed yeast and with a control that stays here on earth, comparing how much each loaf rises between both types of yeast. We also plan to test how much CO² the yeast releases while doing a fermentation lab.