



MISSION IMPOSSIBLE: LIFE IN THE ATMOSPHERE



SCHOOL: CONNETQUOT HIGH SCHOOL

LOCATION: BOHEMIA, NY

FLIGHT PROVIDER: AEROSTAR

GRADES: HIGH SCHOOL

STUDENT EXPERIMENT DESCRIPTION

Our experiment aims to collect samples of bacterial cells and fungal spores from different layers of the atmosphere. The experiment findings may aid in future explorations for NASA and contribute to the search for evidence of extraterrestrial life. We will collect air samples and other data regarding atmospheric conditions during the flight. We will use 5V squirrel cage fans to collect atmospheric air and direct flow of air through MCE filters small enough to capture most unicellular organisms.