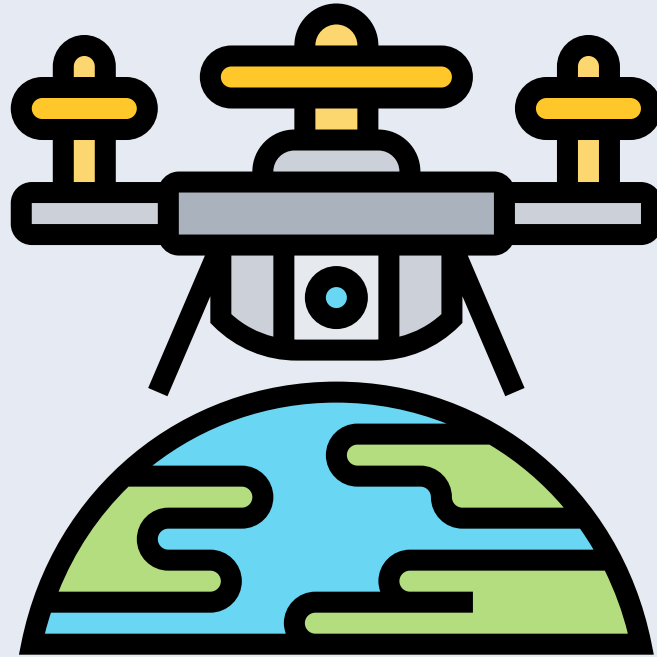


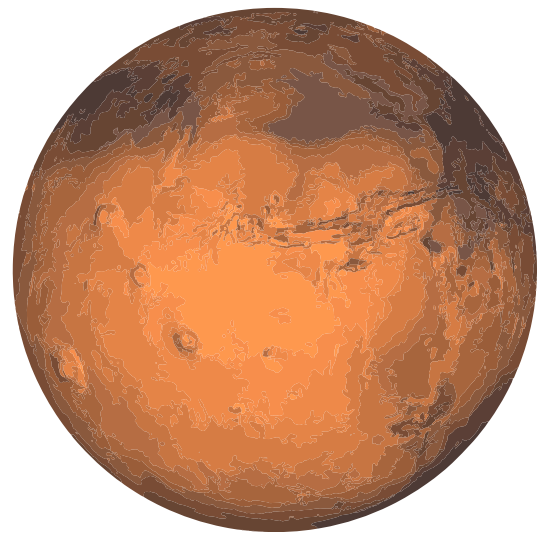
DRONES IN SPACE



FIRST DRONE IN SPACE!

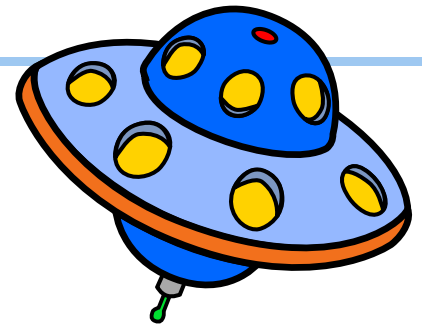
The first ever flying machine is landing on Mars on Feb 18, 2021. The drone is a rotor wing drone called **Ingenuity**, that is going to test the ability to fly on Mars.

The atmosphere on Mars is VERY different than Earth, so the helicopter had to be designed to be light enough to ride on the Mars rover, be strong enough to survive the weather on Mars, and be powerful enough to fly in very thin atmosphere!



The Mars drone will be able to fly on it's own, without any human control and is expected to be able to fly for 90 seconds at a time!

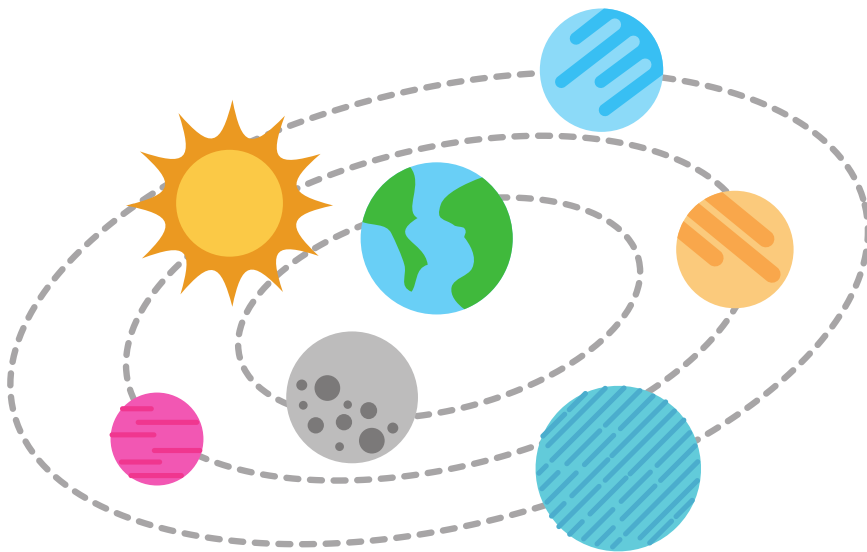
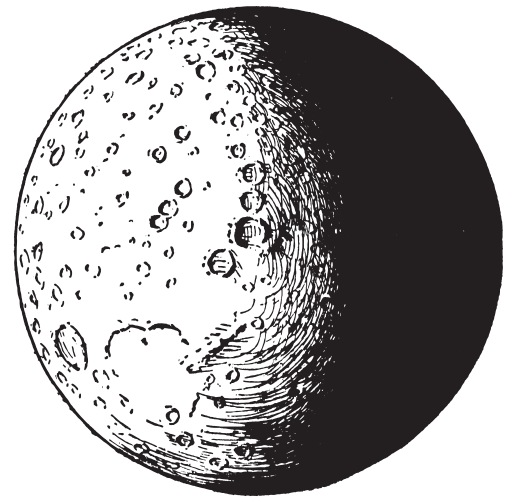




TITAN MOON MISSION

For years now, NASA has been using rovers with cameras to explore planets and moons in space, but for the first time, a drone-like flying machine called Dragonfly will be out on an exploration mission!

In 2026 Dragonfly will leave Earth and travel to one of Saturn's moons called Titan. It will take 8 years to get there, expecting to land in 2034!



Dragonfly is a Quadcopter type drone that will travel all around Titan for two years on its own taking pictures and gathering samples to bring back to Earth. This is the perfect mission for a drone because Titan is -290 degrees Fahrenheit!! That sounds a little bit too cold for humans!!

