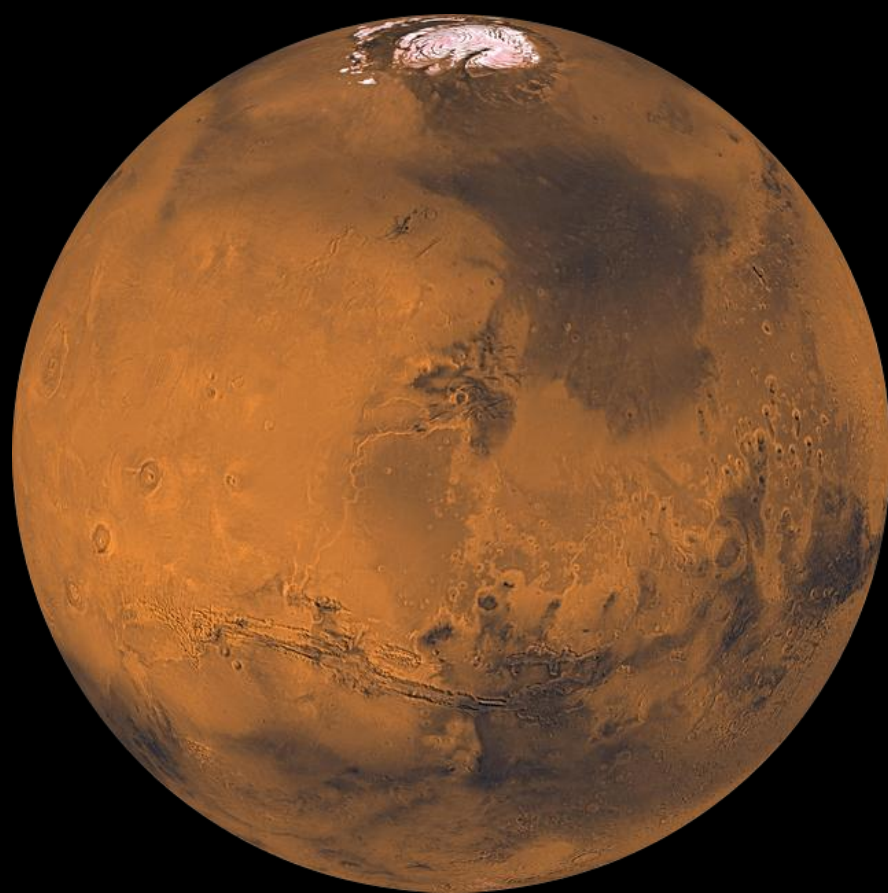
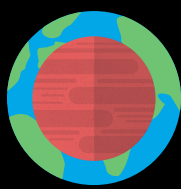


Mars

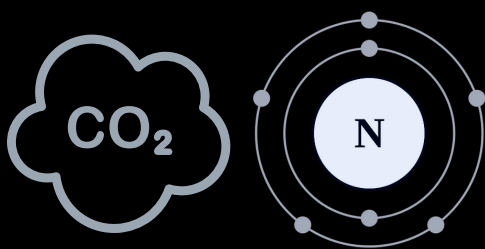
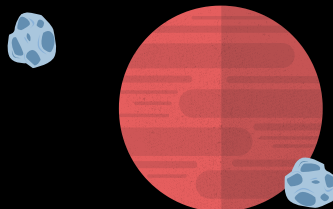


Quick Facts



Mars is 1.9 times smaller than the Earth

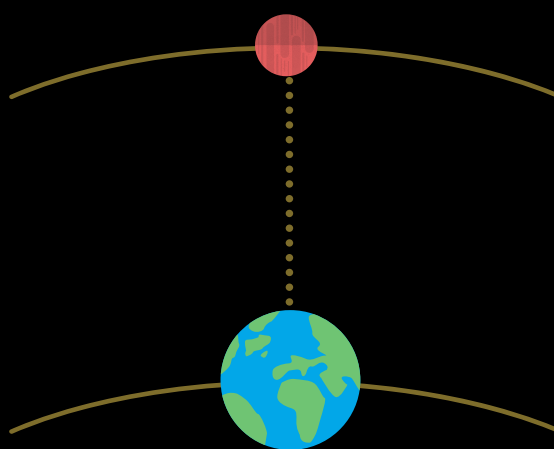
Mars has two moons: Phobos and Deimos



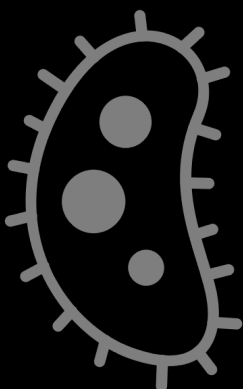
Mars' atmosphere is very thin and composed mostly of carbon dioxide and nitrogen

Opposition

We get the closest, brightest and best views of Mars when the Earth passes between the Sun and Mars. This is called an opposition. Oppositions of Mars occur about every 2.1 years. This year, Mars will be in opposition on the night of October 13th-14th 2020.



Life on Mars



Today, Mars seem to be a desolate place. However, scientists believe Mars might have harboured the right conditions for life a long time ago. To date, no life has been found on Mars. This might all change yet with the launch of NASA's Mars 2020 mission. Its Perseverance rover will be equipped with tools that will help it determine the conditions for life on the Red Planet.

RASC

The Royal Astronomical Society of Canada has 29 Centres (Soon to be 30!) across the country and nearly 5000 members. Each Centre runs programs with speakers, star parties and outreach where we share our passion with the public. Find details and a list of Centres at: www.rasc.ca.

