

Planets are made of either rock or gases.

Inner planets (Mercury, Venus, Earth, Mars) made of rock

Outer Planets (Jupiter, Saturn, Uranus, Neptune) made of gas

[What We Know About Mercury, Venus & Mars - YouTube](#)

[The Fascinating Facts About Jupiter, Saturn & Their Moons | The New Frontier | Spark \(youtube.com\)](#)

- ALL planets except Mercury have atmosphere

Atmosphere is the thin layer of gases around a planet. The gases are not the same for each planet. For Protection

Earth has an atmosphere that is about **3/4 nitrogen**, **1/4 oxygen**, and trace amounts of carbon dioxide and other gases

The Moon has no atmosphere

[Bill Nye The Science Guy - S03E01 - Planets And Moons - Best Quality \(youtube.com\)](#)

[Bill Nye The Science Guy - S01E19 - Outer Space - Best Quality \(youtube.com\)](#)