

Planet Profiles

Discussion Notes

Is there life on other planets?

Plants or microscopic life?

Probably not, since we haven't found them yet. Planets are spread out, not lined up perfectly. Take a long time before we reach other planets. Life maybe couldn't happen because of temperature, or maybe would adapt to temperatures. Outside of solar system we wouldn't know. Most people say there could be life. Maybe bacteria.

Conditions necessary for life?

Solid surface, not gas, liquid, lava, etc. Solid- terrestrial planets. Gas, or non-solid- jovian planets. Food, water, natural resources, ways to breathe. Probably will eat other life. Climate and weather so food can live. Atmosphere; needs clear gasses so can feel the sun. Maybe life doesn't need the same stuff we need. We need- oxygen, water, carbon dioxide, other organisms, gravity but not too much. We picked a day because that's how long it takes Earth to turn all the way around. A day in Venus is 240 days in Earth, because Venus spins slower. On Pluto you would live to be about one Pluto year.