

Our Address in Space – Part 1

Line 1 – The Earth

Why is the Earth special? – The Earth is the only planet we know of that contains living organisms.

What do plants and animals need to survive? – Liquid water, Oxygen, Nutrients.

Where did life on Earth come from? – Life on Earth appeared three and a half *billion* years ago in gloopy ponds, through complicated and mysterious chemical reactions nobody yet fully understands.



Age: 4.5 billion years

Life: ✓

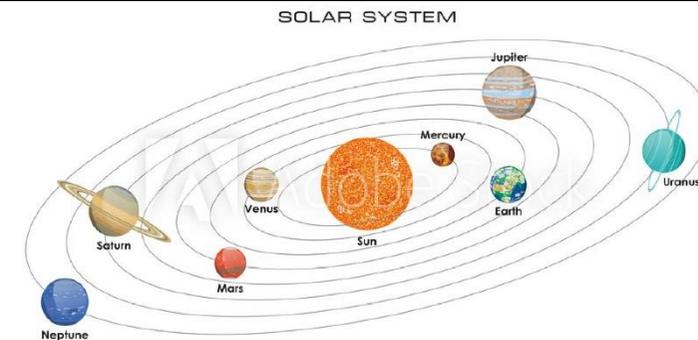
Width: 8000 miles

Line 2 – The Solar System

What are the other planets in the Solar System? – **M**ercury, **V**enus, **E**arth, **M**ars, **J**upiter, **S**aturn, **U**ranus, **N**eptune.

What keeps the planets from flying off into space? – Gravity pulls all the planets inwards towards the sun, keeping them from flying off like a string tied to a ball.

Where may we find life in the future? – Saturn's moon Enceladus is covered in a thick layer of ice, which we think covers a water ocean. This ocean may support life, we don't yet know!



Age: 4.6 billion years

Life: Only on the Earth (that we know of)

Width: 5.6 billion miles