

Download Earth And Space Study Guide

Earth is the third planet from the Sun and the only astronomical object known to harbor life. According to radiometric dating and other sources of evidence, Earth formed over 4.5 billion years ago. Earth's gravity interacts with other objects in space, especially the Sun and the Moon, Earth's only natural satellite. Earth revolves around the Sun in 365.26 days, a period known as an Earth year. ROCK CYCLE. Rocks move and change over time due to heat and pressure within Earth and due to weathering, erosion, and deposition at the surface. These and other processes constantly change rock from one type to another. Depending on how rocks are formed, they are classified as

Laika the dog was the first Earthling to orbit Earth aboard the Soviet Union's Sputnik 2 in 1957. She did not survive the trip. A few years later, the next two Soviet space dogs—Belka and Strelka—became the first living creatures to return from space alive—paving the way for future human explorers. Planet Earth is the birthplace of humanity, the cradle of human civilization, and the only known planet in our Solar System that is capable of sustaining life.