

All About Earth

Be inspired by the amazing planet we call Earth! After reading the fascinating facts and statistics below, conduct your own research on an inner planet of your choice. Explore its distinctive features and characteristics. Let your imagination soar as you discover the wonders of our solar system!

Earth's Age

Earth, our home, is incredibly old at 4.5 billion years. It has undergone many changes over time, from rocks and mountains forming to life evolving. By studying Earth's history, we can learn how our planet became what it is today.



Earth's Rotation

Earth rotates on its axis, which is an imaginary line passing through its center. This rotation takes about 24 hours to complete, resulting in day and night. Earth's rotation influences the distribution of sunlight, weather patterns, and the cycle of seasons.



Earth's Revolution

Earth revolves around the Sun in a path called its orbit. This revolution takes about 365.25 days to complete, resulting in one year. Earth's revolution determines the changing seasons and the length of our calendar year.



Sun Distance

The Sun, our closest star, is located at an average distance of about 93 million miles (150 million kilometers) from Earth. This vast distance is crucial as it determines the amount of sunlight and heat we receive..



The Atmosphere

Earth's atmosphere is a layer of gases surrounding our planet. It acts like a protective blanket, shielding us from the harshness of outer space and regulating temperature. The atmosphere also contains oxygen, which is crucial for life.



A Super Nova

In about 5 billion years, the Sun will expand into a red giant star, potentially engulfing the inner planets, including Earth. However, this event is far in the future, giving humanity plenty of time to explore alternatives and secure our long-term survival.

