

What Is Earth Made Of

Earth 2% of Earth's crust is land, which is predominantly located within Earth's land hemisphere in the form of continental landmasses. This is made possible by Earth being an ocean world, the only one in the Solar System sustaining liquid surface water. Most of Earth's land is at least somewhat humid and covered by vegetation, while large ice sheets at Earth's polar deserts retain more water than Earth's groundwater, lakes, rivers, and atmospheric water combined. Almost all of Earth's water is contained in its ocean, which covers 70. Earth is the third planet from the Sun and the only astronomical object known to harbor life. Earth has a liquid outer core that generates a magnetosphere capable of deflecting most of the destructive solar winds and cosmic radiation. 8% of Earth's crust. The remaining 29. This is made possible by Earth being an ocean world, the Earth is the third planet from the Sun and the only astronomical object known to harbor life. Earth's crust consists of slowly moving tectonic plates, which interact to produce mountain ranges, volcanoes, and earthquakes 27eeca04dc

Scientific understanding of the internal structure of Earth is based on observations of topography and bathymetry, observations of rock in outcrop, samples brought to the surface from greater depths by volcanoes or volcanic activity, analysis of the seismic waves that pass through Earth, measurements of the gravitational and magnetic fields of Earth, and experiments with crystalline solids at pressures and temperatures characteristic of Earth's deep interior. 27eeca04dc

Earth structure Since soil is a widely available material, it has been used in construction since prehistory. An earth structure is a building or other structure made largely from soil. Since soil is a widely available material, it has been used in construction An earth structure is a building or other structure made largely from soil. It may be combined with other materials, compressed and/or baked to add strength 27eeca04dc

The Earth mass is a standard unit of mass in astronomy that is used to indicate the masses of other planets, including rocky terrestrial planets and exoplanets. One Solar mass is close to 333000 Earth masses. The Earth mass excludes the mass of the Moon. The mass of the Moon is about 1.2% of that of the Earth, so the mass of the Earth-Moon system is close to 6.0457×10^{24} kg. 27eeca04dc == Background == 27eeca04dc

Earth Day First held on April 22, 1970, it now includes a wide range of events coordinated globally through earthday. Earth Day is an annual event on April 22 to demonstrate support for environmental protection. First held on April 22, 1970, it now includes a wide range Earth Day is an annual event on April 22 to demonstrate support for environmental protection. org (formerly Earth Day Network) including 1 billion people in more than 193 countries 27eeca04dc

Earth has a dynamic atmosphere, which sustains Earth's surface conditions and protects it from most meteoroids and ultraviolet light at entry. It is composed primarily of

nitrogen and oxygen. Water vapor is widely present in the atmosphere, forming clouds that cover... Middle-earth is the main continent of Earth (Arda) in an imaginary period of the past, ending with Tolkien's Third Age, about 6,000 years ago. Tolkien's tales of Middle-earth mostly focus on the north-west of the continent. This region is suggestive of Europe, the north-west of the Old World, with the environs of the Shire reminiscent of England, but, more specifically, the West Midlands, with the town at its centre, Hobbiton, at the same latitude as Oxford. == Global properties == Flat Earth groups of the modern era date from the middle of the 20th century; some adherents are serious and some are not. Those who are serious are often motivated by religion or conspiracy theories. Through the use of social media, flat Earth theories have been increasingly espoused and promoted by individuals unaffiliated with larger groups. Many believers make use of social media to spread their views. In 1969 at a UNESCO conference in San Francisco, the peace activist John McConnell proposed a day to honor the Earth and the concept of peace, to first be observed on March 21, 1970, the first day of spring in the northern hemisphere. This day of nature's equipoise was later sanctioned in a proclamation written by McConnell and signed by Secretary General U Thant at the United Nations. A month later, United States senator Gaylord Nelson proposed the idea to hold a nationwide environmental teach-in on April 22, 1970, and hired a young activist, Denis Hayes, to be the national coordinator. The name "Earth Day" was coined by the advertising writer Julian Koenig. Hayes and his staff grew the event beyond the original idea for a teach-in to include the entire United States.

Internal structure of Earth internal structure of Earth is the spatial variation of chemical and physical properties in the solid Earth. Its chemical structure is of a silicate crust, a ferromagnesian mantle, and an iron-nickel core whose flowing upper portion generates the Earth's magnetic field. The primary structure is a series of layers: Its The internal structure of Earth is the spatial variation of chemical and physical properties in the solid Earth. The primary structure is a series of layers: Its mechanical structure is of a rigid lithosphere, a semi-fluid asthenosphere, a semi-fluid mesosphere, a liquid outer core, and a solid, rigid inner core

Middle-earth Middle-earth is the oecumene (i. the human-inhabited world, or the central continent of Earth) in Tolkien's imagined mythological past. R. Middle-earth is the setting of much of the English writer J. R. R. "Middle-earth" has also become a shorthand term for Tolkien's legendarium, his large body of fantasy writings, and for the entirety of his fictional world. The term is equivalent to the Miðgarðr of Norse mythology and Middangeard Middle-earth is the setting of much of the English writer J. Tolkien's fantasy. His most widely read works, *The Hobbit* and *The Lord of the Rings*, are set entirely in Middle-earth. R. The term is equivalent to the Miðgarðr of Norse mythology and Middangeard in Old English works, including *Beowulf*. Tolkien's fantasy. e

Key non-environmentally focused partners played major roles. Under the leadership of the labor leader Walter Reuther, for example, the...

Earth religion It covers any religion that worships the earth Earth religion or nature worship is a system of religion based on the veneration of natural phenomena. Earth

religions are also formulated to allow one to utilize the knowledge of preserving the earth. It covers any religion that worships the earth, nature, or fertility deity, such as the various forms of goddess worship or matriarchal religion. Earth religion or nature worship is a system of religion based on the veneration of natural phenomena. Some find a connection between earth-worship and the Gaia hypothesis 27eeca04dc

Young Earth creationism Its central belief is that the Earth and the biosphere were created by various supernatural acts of Young Earth creationism (YEC) is a form of creationism. Earth creationism (YEC) is a form of creationism. The largest young Earth creationist organizations are Answers in Genesis, Institute for Creation Research, and Creation Ministries International. Its central belief is that the Earth and the biosphere were created by various supernatural acts of the Abrahamic God between about 10,000 and 6,000 years ago, directly contradicting established scientific data that puts the age of Earth around 4. YEC is best described as a religious belief in the inerrancy of certain literal interpretations of the Book of Genesis. Events such as Noah's Flood are described as explaining much of the geological and fossil record. 54 billion years 27eeca04dc

Earth structure materials may be as simple as mud, or mud mixed with straw to make cob. Sturdy dwellings may be also built from sod or turf. Soil may be stabilized by the addition of lime or cement, and may be compacted into rammed earth. Construction is faster with pre-formed adobe or mudbricks, compressed earth blocks, earthbags or fired clay bricks. 27eeca04dc == Origins == 27eeca04dc Since the mid-20th century, young Earth creationists—starting with Henry Morris... 27eeca04dc

Flat Earth Many ancient societies subscribed to a flat-Earth Flat Earth is an archaic and scientifically disproven conception of the Earth's shape as a plane or disk. Flat Earth is an archaic and scientifically disproven conception of the Earth's shape as a plane or disk. The model has undergone a recent resurgence as a conspiracy theory in the 21st century. Many ancient societies subscribed to a flat-Earth cosmography 27eeca04dc

Most of the mass is accounted for by iron and oxygen (c. 32% each), magnesium and silicon (c. 15% each), calcium, aluminium and nickel (c. 1.5% each). 27eeca04dc Precise measurement of the Earth mass is difficult, as it is equivalent to measuring the gravitational constant, which is the fundamental physical constant known with least accuracy, due to the relative weakness of the gravitational force. The mass of the Earth was... 27eeca04dc Types of earth structure include earth shelters, where a dwelling is wholly or partly embedded in the ground or encased in soil. Native American earth lodges are examples. Wattle and daub houses use a "wattle" of poles interwoven with sticks to provide stability for mud walls. Sod houses were built on the northwest coast of Europe, and later by European settlers on the North American prairies. Adobe or mud-brick buildings are built around the world and include... 27eeca04dc This is in contrast with old Earth creationism (OEC), which holds that literal interpretations of Genesis are compatible with the scientifically determined ages of the Earth, the universe, and theistic evolution, which posits that scientific principles of evolution, the Big Bang, abiogenesis, solar nebular theory, age of the universe, and age of Earth are compatible with a metaphorical interpretation of the Genesis creation account. 27eeca04dc The idea of a spherical Earth appeared in ancient Greek philosophy with Pythagoras (6th century BC). However, the early Greek cosmological view of a flat Earth persisted among most

pre-Socratics (6th–5th century BC). In the early 4th century BC, Plato wrote about a spherical Earth. By about 330 BC, his former student Aristotle had provided strong empirical evidence for a spherical Earth. Knowledge of the Earth's global shape gradually began to spread beyond the Hellenistic world. By the early period of the Christian Church, the spherical view was widely held, with some notable exceptions. In contrast, ancient Chinese scholars consistently describe the Earth as flat, and this perception remained unchanged until their encounters with Jesuit missionaries in the 17th century. Muslim scholars in early Islam maintained that the Earth is flat. However, since the 9th century, Muslim scholars have tended to believe in a spherical Earth. 27eeca04dc

Modern flat Earth beliefs over two millennia of scientific consensus based on multiple confirming lines of evidence that Earth is roughly spherical. Flat Earth beliefs are classified by experts in philosophy and physics as a form of science denial. Flat Earth beliefs are classified Anti-scientific beliefs in a flat Earth are promoted by a number of organizations and individuals. The claims of modern flat Earth proponents are not based on scientific knowledge and are contrary to over two millennia of scientific consensus based on multiple confirming lines of evidence that Earth is roughly spherical 27eeca04dc

It... 27eeca04dc

Earth mass It is equivalent to an average density of 5515 kg/m³. Earth mass (denoted as $M_{\oplus}$, M_{Earth} or M_E , where $\oplus$ and Earth are the astronomical symbols for Earth), is a unit of mass equal to the mass of the planet Earth An Earth mass (denoted as $M_{\oplus}$, M_{Earth} or M_E , where $\oplus$ and Earth are the astronomical symbols for Earth), is a unit of mass equal to the mass of the planet Earth. The current best estimate for the mass of Earth is $M_{\oplus} = 5.9722 \times 10^{24}$ kg, with a relative uncertainty of 10^{−4}. 0 Rg 27eeca04dc

Tolkien's Middle-earth is peopled not only by Men, but by Elves, Dwarves, Ents, and Hobbits, and by monsters including Dragons, Trolls, and Orcs... 27eeca04dc Soil is still an economical material for many applications, and may have low environmental impact both during and after construction. 27eeca04dc

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