What type of resource is the sun

What could live on the Sun?
Nothingcould live on the Sun,but its energy is vital for most life on Earth. The temperature in the Sun's core is about 27 million degrees Fahrenheit (15 million degrees Celsius) - hot enough to sustain nuclear fusion. This creates outward pressure that supports the star's gigantic mass,keeping it from collapsing.

What elements are found in the Sun?
These elements include carbon,nitrogen,oxygen,neon,magnesium,silicon,sulfur,and iron. Over 50 other elements are found in trace amounts. The temperature of the Sun's surface is 5778 K (5505°C). The energy from the Sun is vital to life on Earth. Not only does it allow life to exist,but it also is the source of most energy humans use.

Is the Sun a star?
Our Sun is a 4.5 billion-year-old yellow dwarf star- a hot glowing ball of hydrogen and helium - at the center of our solar system. It's about 93 million miles (150 million kilometers) from Earth and it's our solar system's only star. Without the Sun's energy,life as we know it could not exist on our home planet.

Is the Sun a good source of energy?
The sun,on the other hand,offers free and clean energy in abundance. In fact,it gives much more energy than we can ever possibly use. The only questions are how and when we will take full advantage of it.

How does the sun provide energy to the Earth?
In addition to providing energy, the Sun's energy warms the Earth to a point that it is habitable (the structure of the atmosphere also helps to ensure that the Earth's energy budget maintains a constant, livable temperature). The Sun also creates weather patterns, ocean currents, and air currents.

What is the relationship between the Sun and Earth?
The connection and interactions between the Sun and Earth drive the seasons,ocean currents,weather,climate,radiation belts and auroras. Though it is special to us,there are billions of stars like our Sun scattered across the Milky Way galaxy. The Sun has many names in many cultures.

Both renewable and nonrenewable resources are used within our society. How do the uses of nonrenewable resources compare to the uses of renewable resources? a. Nonrenewable resources have more applications than renewable resources. b. Certain types of renewable energy can be used for as many applications as certain types of nonrenewable ...

What type of resource is the sun and why? The sun is a perpetual resource because solar radiation steadily streams from the sun without interruption and is expected to do so for the next 6 billion years. Natural capital degradation is often the result of _____. ...

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4 days ago· The Sun is classified as a G2 V star, with G2 standing for the second hottest stars of the yellow G class--of surface temperature about 5,800 kelvins (K)--and the V representing a ...

The sun is an ordinary star, one of about 100 billion in our galaxy, the Milky Way. The sun has extremely important influences on our planet: It drives weather, ocean currents, seasons, and climate, and makes plant life possible through photosynthesis. ... two types of energy are released: ... Solar energy is a renewable resource, and many ...

The sun is an unsustainable resource because solar radiation steadily streams from the sun now, but it will only do so for the next thousand years. The sun is a perpetual resource because solar radiation steadily streams from the sun without interruption and is expected to do so for the next 6 billion years.

Solar energy is energy from the sun that we capture with various technologies, including solar panels. There are two main types of solar energy: photovoltaic (solar panels) and thermal. The "photovoltaic effect" is the mechanism by which solar panels harness the sun"s energy to generate electricity.

Study with Quizlet and memorize flashcards containing terms like Which of the following is a renewable resource? response - correct, Which of the following is a nonrenewable resource?, What type of resource is the sun? and more.

Once the Sun"s energy reaches Earth, it is intercepted first by the atmosphere. A small part of the Sun"s energy is directly absorbed, particularly by certain gases such as ozone and water vapor. Some of the Sun"s energy is reflected back to space by clouds and Earth"s surface. Most of the radiation, however, is absorbed by Earth"s ...

what type of resource is the sun. human capital. a renewable resource. relatively clean when used responsibly. solar energy. 3 of 3. Term. which of the following is a renewable resource. Choose matching definition. wind. solar. oil. a renewable resource. Don"t know? 1 of 3. Term. which of the following is a nonrenewable resource. Choose ...

Solar energy is radiation from the Sun that is capable of producing heat, causing chemical reactions, or generating electricity. The total amount of solar energy incident on Earth is vastly in excess of the world"s energy requirements and could satisfy all future energy needs if suitably harnessed.

The Sun is Earth"s main source of energy. The Sun gives us both light and heat. The Sun changes hydrogen into helium through nuclear fusion. This releases huge amounts of energy. The energy travels to Earth mostly as visible light. The energy is carried through the empty space by radiation. We can use sunlight as an energy resource, called solar energy.

STEREO views of the Sun, around 14:00-14:16 UTC May 2 These two views of the Sun were composed from

data captured by the twin STEREO spacecraft just after 14:00 UTC on May 2. They are color composites of views of the Sun at 304, 195, and 171 nanometers, all ultraviolet wavelengths, revealing the structure of the solar surface and corona.

Study with Quizlet and memorize flashcards containing terms like renewable resource, nonrenewable resource, very high rate of use and more. ... What type of resource is the sun? About us. About Quizlet; How Quizlet works; Careers; Advertise with us; Get the app; For students. Flashcards; Test; Learn; Solutions; Q-Chat: your AI tutor;

The sun is a perpetual resource because solar radiation steadily streams from the sun without interruption and is expected to do so for the next 6 billion years. ... What types of resources is recycling good for? metals and other nonrenewable resources. Soil. a mixture of broken-down rock, detritus, air, water, and microorganisms ...

This categorization of natural resources focuses on the ability of a particular resource to be replenished. From this perspective, two different types of natural resources exist. First are renewable resources: the light coming from the Sun, air, wind, and water. All of those resources are the ones that seem to stay here, no matter how much of ...

The sun formed around 4.5 billion years ago. At that time, the area of the Milky Way galaxy that would become the solar system consisted of a dense cloud of gas -- the remnants of an earlier ...

The Sun"s energy warms the planet"s surface, powering titanic transfers of heat and pressure in weather patterns and ocean currents. The resulting air currents drive wind turbines. Solar energy also evaporates water that falls as rain and builds up behind dams, where its motion is used to generate electricity via hydropower .

The sun seems reliable, stable, and convenient since our Earth is the perfect distance from the sun to maintain our existence. Within the sun, however, is much turmoil; the giant ball of gas is a dense, extremely hot, violent soup of nuclear reactions that is eating up its fuel and coming closer and closer to reaching the end of its life.

The sun is an abundant and virtually limitless source of energy, and as long as the sun continues to shine, we will be able to generate solar energy. In fact, the National Oceanic and Atmospheric Administration (NOAA) found that "solar energy is the most abundant energy resource on earth -- 173,000 terawatts of solar energy strikes the Earth ...

The Sun. Extended tier only. The Sun transfers energy to Earth by electromagnetic radiation. Most of our energy resources on Earth come indirectly from the Sun:. The Sun heats up the atmosphere, creating wind and producing waves. Water evaporated by the Sun falls as rain, filling up reservoirs. Plants grown using sunlight form the basis for fuels - both biofuels and ...

Study with Quizlet and memorize flashcards containing terms like What type of resource is the sun?, Which of

the following is a nonrenewable resource?, How could a renewable resource become nonrenewable? and more.

The Sun"s gravity holds our entire solar system together. Our solar system is even named after the Sun (the Latin word for Sun is "sol"). Heat from the Sun makes Earth warm enough to live on. Without light from the Sun, there would be no plants or animals--and, therefore, no food and we wouldn"t exist.

What type of resource is sun energy? renewable resource Solar Energy Sunlight is a renewable resource, and its most direct use is achieved by capturing the sun"s energy. A variety of solar energy technologies are used to convert the sun"s energy and light into heat: illumination, hot water, electricity and (paradoxically) cooling systems ...

Study with Quizlet and memorize flashcards containing terms like which of the following is a renewable resource, which of the following is a nonrenewable resource, what type of resource is the sun and more.

Renewable resources are of two types: perpetually renewable and intermediate renewable resources. Perpetually renewable resources are constantly replenished by the Sun"s and Earth"s natural processes, no matter how much energy we use each day or over a period. Solar energy is the best example.

Types of Non-Renewable Resources. Fossil fuels include coal, oil, and natural gas. Modern society relies on fossil fuels for energy more than any other source. Millions of years ago, plants used energy from the Sun to form carbon compounds.

The Sun is a G-type main-sequence star, known as a yellow dwarf. It"s a massive ball of hot plasma, shining brightly for billions of years. Actually G-type stars are much more common than some other objects. For example, there are about 6 stars for every known brown dwarf within 26 light-years of us. But the Sun isn"t alone.