

Student: _____.

RENEWABLE ENERGY

Listen to the podcast and complete the following paragraph.

Then, summarize it in the space provided below.

Around the world renewable energy use is on the rise and these alternative energy sources could hold the key to combating climate change.

What is 1. _____ energy?

Renewable energy is generated from sources that naturally replenish themselves and never run out. The most common sources are 2. _____, wind, hydro geothermal and biomass. Over 80% of the total energy consumed by humans is derived from fossil fuels. However, renewables are the fastest growing source of 3. _____ in the world.

Renewable energy has many benefits,

First, it can combat 4. _____ change because it creates no direct greenhouse gas emissions the only emissions that they produce are indirect meaning those that result from manufacturing parts, installation, operation, and maintenance, but even those are minimal.

Second, renewable energy can decrease pollution and therefore reduce threats to our 5. _____. Wind, solar and hydroelectric systems create no air pollution emissions; and geothermal and biomass energy systems emissions are much lower than 6. _____ energy sources.

Third, renewable energy is a reliable source of 7. _____ because renewable energy sources are, well, renewable, they will never run out. Once built, renewable facilities cause very little to operate and the fuel is often free. As a result renewable energy prices tend to be stable over time. While renewable energy has many advantages it is not without downsides, it is difficult for renewable energy sources to generate power on the same large scale as fossil fuels. Building wind farms and dams can destruct wild life and migration patterns and lead to ecological destruction.

Both, solar and the 8. _____ energy are intermittent they only generate power while the sun is shining or while the wind is blowing. 9. _____ can store excess energy for later use, however they are often costly.

While renewable energy presents some challenges it also offers an environmentally friendly alternative to the greenhouse gas emissions and 10. _____ of fossil fuel.

And as advances in technology make renewable energy more accesible, affordable, and efficient. Anti climate change can be within our reach.

SUMMARIZE!
