12. Sınıf İngilizce Alternative Energy Çalışma Kâğıdı

WORKSHEET

12. Sınıf · Ünite 8: Alternative Energy · Seviye B1–B2 · dersimizingilizce.com

Name: _____ Class: _____ Date: _____

A Energy sources

Match the words with their Turkish meanings. *(Kelimeleri Türkçe anlamlarıyla eşleştirin.)*

1. solar panel	a) salım, salınım
2. wind turbine	b) hidroelektrik
3. geothermal	c) güneş paneli
4. hydroelectric	d) jeotermal
5. fossil fuels	e) rüzgâr türbini
6. emission	f) fosil yakıtlar

B Energy words

Complete the sentences with the words in the box. *(Cümleleri kutudaki kelimelerle tamamlayın.)*

generated • sustainable • consumption • installed • renewable • reduce

1. Energy from the sun and wind is _____ because it will never run out.
2. Our school has _____ solar panels on its roof.
3. Most of the electricity in this region is _____ by wind farms.
4. We should _____ our energy use at home.
5. Energy _____ increases in summer because of air conditioners.
6. We need a more _____ way of living for future generations.

C Language in use

Choose the correct option. *(Doğru seçeneği işaretleyin.)*

1. If more countries invested in solar energy, air pollution ____.

   a) will decrease b) decreased c) had decreased d) would decrease

2. Geothermal energy ____ from heat inside the Earth.

   a) is produced b) produces c) produced d) is producing

3. Wind power is much cleaner ____ coal.

   a) from b) to c) than d) as

4. Turkey has great potential for geothermal energy, especially in the ____ region.

   a) Mediterranean b) Aegean c) Black Sea d) Marmara

D A village powered by the sun

Read the text and answer the questions. *(Metni okuyun ve soruları cevaplayın.)*

> Five years ago, the residents of a small mountain village called Yeşilyurt were paying high electricity bills and suffering from frequent power cuts. Then, with the help of a local cooperative, they installed solar panels on the roofs of the school, the mosque and forty houses. The project was expensive at the beginning, but it is expected to pay for itself within seven years. Today, the village produces more electricity than it uses in summer, and it sells the extra energy to the national grid. The money is used to repair roads and to give scholarships to students. “We used to complain about the sun in summer,” one farmer jokes. “Now it is our most valuable neighbour.”

1. What problems did the villagers have before?

   a) High bills and power cuts. b) No clean water.

   c) Too much traffic. d) Noisy factories.

2. Where were the solar panels installed?

   a) In the fields. b) Along the roads.

   c) On the school, the mosque and forty houses. d) Only on houses.

3. What does the village do with its extra energy in summer?

   a) It gives it to another village. b) It wastes it.

   c) It sells it to the national grid. d) It stores it in batteries.

4. How is the money spent?

a) On new cars.

b) On holidays.

c) On a new mosque.

d) On roads and scholarships.

E YDT Practice

Choose the best option for each question. *(YDT tarzı sorular: her soru için en uygun seçeneği işaretleyin.)*

1. Unless governments invest more in renewable energy, ____.

a) electricity was discovered centuries ago

b) many people use public transport

c) dependence on fossil fuels will continue to rise

d) solar panels were very expensive in the past

e) wind turbines have been built on hills

2. Solar energy is clean and abundant; ____, it cannot be produced at night without storage systems.

a) for instance

b) however

c) therefore

d) thus

e) moreover

3. Choose the best option to complete the paragraph: Hydroelectric power is one of the oldest forms of renewable energy. It uses the energy of flowing water to turn turbines and produce electricity. ____. For example, large dams can flood valleys and force people and animals to leave their homes.

a) However, it can also have negative effects on the environment

b) Water boils at 100 degrees Celsius at sea level

c) Solar energy is more popular in sunny countries

d) Many people prefer drinking bottled water

e) Therefore, it is the cheapest energy in the world

F Energy for my region

Write your answer. *(Cevabınızı yazın. Örnek cevap, cevap anahtarındadır.)*

1. Which alternative energy source would be the best for your region? Explain why, with its advantages and disadvantages. (100–120 words)