TA7. U10. Energy Sources. Vocabulary 1

1. available (adj) /əˈveɪləbl/ - sẵn có
2. electricity (n) /ɪˌlekˈtrɪsɪti/ - điện năng
3. energy (n) /ˈenədʒi/ - năng lượng
4. hydro (adj) /ˈhaɪdroʊ/ - liên quan đến nước
5. light bulb (n) /ˈlaɪt bʌlb/ - bóng đèn
6. limited (adj) /ˈlɪmɪtɪd/ - bị hạn chế
7. non-renewable (adj) /ˌnɒn rɪˈnjuːəbl/ - không thể thay thế
8. nuclear (adj) /ˈnjuːklɪər/ - thuộc về hạt nhân
9. overcool (v) /ˌoʊvərˈkuːl/ - làm cho quá lạnh
10. overheat (v) /ˌoʊvərˈhiːt/ - làm cho quá nóng
11. panel (n) /ˈpænl/ - tấm ghép
12. produce (v) /prəˈdjuːs/ - sản xuất
13. reduce (v) /rɪˈdjuːs/ - giảm
14. renewable (adj) /rɪˈnjuːəbl/ - có thể thay thế
15. replace (v) /rɪˈpleɪs/ - thay thế
16. solar (adj) /ˈsoʊlər/ - liên quan đến mặt trời
17. source (n) /sɔːrs/ - nguồn
18. syllable (n) /ˈsɪləbəl/ - âm tiết
19. tap (v) /tæp/ - vòi
20. warm (v) /wɔːrm/ - (làm cho) ấm lên, nóng lên

Exercise 1: Match the word on the left to its description on the right.

Words	Definitions
1. Available	A. A substance or power that makes machines work
2. Electricity	B. A type of energy created from sunlight
3. Energy	C. A kind of energy produced from water sources
4. Hydro	D. Something that is ready for use or can be accessed
5. Light bulb	E. A small object that produces light when connected to electricity
6. Limited	F. Describes energy that can be replaced by natural processes
7. Non-renewable	G. Something that cannot be used again once it's depleted
8. Nuclear	H. Describes energy related to atoms or the nucleus of an atom
9. Overcool	I. To make something too cold
10. Overheat	J. To make something too hot

Exercise 2: Choose the correct answer for each sentence.

1. Which of the following is an example of non-renewable energy?

A. Solar energy B. Wind energy C. Coal D. Hydro energy

2. What is the main function of a light bulb?

A. To provide heat B. To produce light

C. To store electricity D. To generate energy

3. Which type of energy is produced using the sun?

A. Nuclear energy B. Solar energy C. Wind energy D. Hydro energy

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4. What does the word 'limited' refer to?

A. Something that has a lot of availability

B. Something that is not easily accessible

C. Something that has a restricted quantity or extent

D. Something that is plentiful

5. Which of the following is a non-renewable energy source?

A. Solar energy B. Coal C. Wind energy D. Water

6. What does the word 'hydro' refer to?

A. Related to wind B. Related to water

C. Related to the sun D. Related to the earth

7. What happens if you overcool something?

A. It becomes too hot B. It becomes too cold

C. It generates energy D. It produces light

8. Which is an example of renewable energy?

A. Solar energy B. Coal C. Natural gas D. Oil

9. What is the main disadvantage of non-renewable energy?

A. It can be replenished naturally B. It causes pollution and is limited

C. It is available everywhere D. It is free of charge

10. What is the key characteristic of nuclear energy?

A. It comes from natural processes

B. It involves the use of atoms and the nucleus

C. It is produced from water

D. It is obtained from wind

Exercise 3: Complete the sentences with the correct word from the list:

energy, electricity, overheat, available, light bulb, nuclear, panel, replace, hydro, non-renewable.

1. The sun's energy is one of the most powerful sources of _____ energy.
2. A _____ is used in homes to light up rooms by producing light when connected to an electrical source.
3. Wind, solar, and water are all examples of _____ energy sources.
4. Coal and oil are _____ energy sources, meaning they will eventually run out.
5. A solar _____ converts sunlight into energy.
6. If you leave your phone charger plugged in for too long, it could _____ and cause damage.
7. Most electronic devices require _____ to operate.
8. We should _____ old light bulbs with more energy-efficient ones.
9. A _____ power plant uses water to generate electricity.
10. _____ energy is generated through reactions in the core of atoms.

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