

Quiz

1. What does the term 'non-renewable energy' mean? Give two examples.

2. Give two ways of generating electricity where no fuel is 'burnt' and the energy source is renewable.

3. What does the term 'biofuel' mean? Give two examples.

4. Give two negatives of relying on fossil fuels.

5. What does the term 'pollution' mean?

Quiz continued

6. Why don't nuclear power stations add to 'climate change'?

7. What does the term 'Greenhouse Effect' mean?

8. What is the 'Kyoto Protocol'?

9. How was crude oil formed?

10. What is fractional distillation?

Quiz continued

11. Describe what nuclear fusion is.

12. What does the process nuclear fission mean?

13. What does the term 'renewable energy' mean? Give two examples.

14. Give two reasons for the massive increase in demand for energy over the last 100 years.

15. Give an example of a natural occurrence that increases carbon dioxide in the atmosphere.

Quiz continued

16. Give three examples of human activity that have major effects on our climate.

17. Describe the impact that climate change is having.

18. Name three greenhouse gases.

19. What does the term 'clean energy' mean?

20. Give two examples of how geothermal energy can be harnessed.



Quiz continued

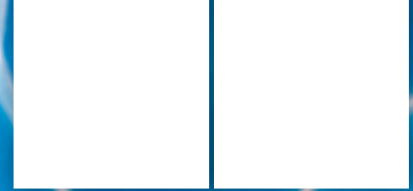
21. Describe a wind turbine.

22. What is a collection of wind turbines called?

23. Approximately how many wind turbines are there in the UK?

24. Name two ways energy can be harnessed using the Sun.

25. What does 'photovoltaic' mean?



Quiz continued

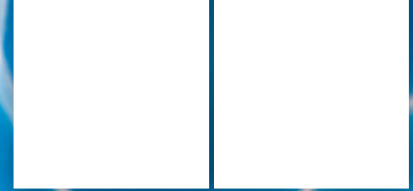
26. Give three examples of how water can provide energy.

27. Who first identified hydrogen as an element and when?

28. Name two compounds or substances that contain hydrogen.

29. At what temperature does hydrogen become liquid?

30. Give two reasons why many people in the western developed world are obese?



Quiz continued

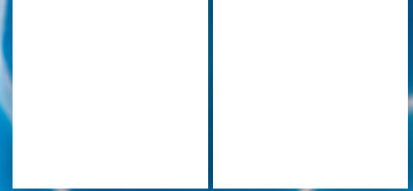
31. Give three examples of why we generate too much waste.

32. How can we use less water? Give two examples.

33. How can we use less electricity in our homes? Give two examples.

34. Give examples of how we can 'reduce, reuse, recycle'.

35. What is sustainable development?



Quiz continued

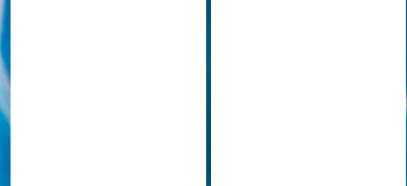
36. Give two examples of how our homes could be made more energy efficient.

37. What two forms of transport have no negative impact on the environment?

38. Give two ways in which a driver of a car can reduce energy wastage.

39. What is the chemical symbol for hydrogen?

40. What is the chemical symbol for oxygen?



Quiz continued

41. What is a hybrid car?

42. When hydrogen is burnt in air, what is given out?

43. Name the three main sources of renewable energy used in Iceland.
