



Energy Resources Study Guide



1. The **sun** is the source of almost all energy on Earth. It provides heat and light energy.
2. A **natural resource** is something found in nature that people use.
3. Sources of energy on the Earth come from *renewable* and *nonrenewable natural resources*.
4. **Renewable** sources of energy are resources that can be replaced. Wood, water, wind, and the sun are renewable resources. They can be used to generate or make electricity.
5. Some energy sources are **nonrenewable**. Nonrenewable means that once they are used up, they are gone and cannot be replaced. Coal, oil, and natural gas are non-renewable resources. The energy used in most cars comes from oil.



6. **Fossil fuels**, such as coal, oil, and natural gas, are formed from decayed plants and animals. They are found deep within the ground. The formation of fossil fuels takes millions of years.

7. **What is a benefit or something good about fossil fuels?** They are cheap, reliable, and pretty easy to get. Reliable means that they are easy to use and work well.

8. **What is a disadvantage or something bad about fossil fuels?** They create pollution and they are **nonrenewable**. We may run out of fossil fuels and then what would we do?



9. **What is an advantage of renewable resources like solar, wind, or water power?** They don't pollute as much as fossil fuels do.

10. **What is a disadvantage of renewable resources?** They aren't as reliable. For example, you can't always count on a lot of wind or sun to generate or make power.

11. It is important to conserve and protect our energy resources. Turning off lights when you leave a room will help save energy. **Recycling and reusing** products is an important way to save natural resources.

